

COURSES

A

- Aerospace Engineering (AERO) (<https://catalog.calpoly.edu/courses/aero/>)
- Agribusiness (AGB) (<https://catalog.calpoly.edu/courses/agb/>)
- Agricultural Communication (AGC) (<https://catalog.calpoly.edu/courses/agc/>)
- Agricultural Education (AGED) (<https://catalog.calpoly.edu/courses/aged/>)
- Agriculture (AG) (<https://catalog.calpoly.edu/courses/ag/>)
- Animal Science (ASCI) (<https://catalog.calpoly.edu/courses/asci/>)
- Anthropology (ANT) (<https://catalog.calpoly.edu/courses/ant/>)
- Architectural Engineering (ARCE) (<https://catalog.calpoly.edu/courses/arce/>)
- Architecture (ARCH) (<https://catalog.calpoly.edu/courses/arch/>)
- Art (ART) (<https://catalog.calpoly.edu/courses/art/>)
- Astronomy and Astrophysics (ASTR) (<https://catalog.calpoly.edu/courses/astr/>)
- Athletics (ATHL) (<https://catalog.calpoly.edu/courses/athl/>)

B

- Biology (BIO) (<https://catalog.calpoly.edu/courses/bio/>)
- Biomedical Engineering (BMED) (<https://catalog.calpoly.edu/courses/bmed/>)
- BioResource and Agricultural Engineering (BRAE) (<https://catalog.calpoly.edu/courses/brae/>)
- Botany (BOT) (<https://catalog.calpoly.edu/courses/bot/>)
- Business (BUS) (<https://catalog.calpoly.edu/courses/bus/>)

C

- Chemistry (CHE) Solano Campus (<https://catalog.calpoly.edu/courses/che/>)
- Chemistry (CHEM) (<https://catalog.calpoly.edu/courses/chem/>)
- Child Development (CD) (<https://catalog.calpoly.edu/courses/cd/>)
- Chinese (CHIN) (<https://catalog.calpoly.edu/courses/chin/>)
- City and Regional Planning (CRP) (<https://catalog.calpoly.edu/courses/crp/>)
- Civil Engineering (CE) (<https://catalog.calpoly.edu/courses/ce/>)
- College of Liberal Arts (CLA) (<https://catalog.calpoly.edu/courses/cla/>)
- Communication Studies (COMS) (<https://catalog.calpoly.edu/courses/coms/>)
- Computer Engineering (CPE) (<https://catalog.calpoly.edu/courses/cpe/>)
- Computer Science (CSC) (<https://catalog.calpoly.edu/courses/csc/>)
- Computers (COM) Solano Campus (<https://catalog.calpoly.edu/courses/com/>)
- Construction Management (CM) (<https://catalog.calpoly.edu/courses/cm/>)
- Cooperative Education (CEP) Solano Campus (<https://catalog.calpoly.edu/courses/cep/>)
- Cruise (CRU) Solano Campus (<https://catalog.calpoly.edu/courses/cru/>)
- Curriculum and Instruction (CI) (<https://catalog.calpoly.edu/courses/ci/>)

D

- Dairy Science (DSCI) (<https://catalog.calpoly.edu/courses/dsci/>)
- Dance (DANC) (<https://catalog.calpoly.edu/courses/danc/>)
- Data Science (DAT) Solano Campus (<https://catalog.calpoly.edu/courses/dat/>)
- Data Science (DATA) (<https://catalog.calpoly.edu/courses/data/>)
- Deck Labs (DL) Solano Campus (<https://catalog.calpoly.edu/courses/dl/>)

E

- Early Start Math (ESM) (<https://catalog.calpoly.edu/courses/esm/>)
- Earth Science (ERSC) (<https://catalog.calpoly.edu/courses/ersc/>)
- Economics (ECO) Solano Campus (<https://catalog.calpoly.edu/courses/eco/>)
- Economics (ECON) (<https://catalog.calpoly.edu/courses/econ/>)

- Education (EDUC) (<https://catalog.calpoly.edu/courses/educ/>)
- Educational Leadership and Administration Program (ELAP) (<https://catalog.calpoly.edu/courses/elap/>)
- Electrical Engineering (EE) (<https://catalog.calpoly.edu/courses/ee/>)
- Emergency Management (EM) Solano Campus (<https://catalog.calpoly.edu/courses/em/>)
- Engineering (ENG) Solano Campus (<https://catalog.calpoly.edu/courses/eng/>)
- Engineering (ENGR) (<https://catalog.calpoly.edu/courses/engr/>)
- Engineering Plant Operations (EPO) Solano Campus (<https://catalog.calpoly.edu/courses/epo/>)
- Engineering Technology (ET) Solano Campus (<https://catalog.calpoly.edu/courses/et/>)
- English (EGL) Solano Campus (<https://catalog.calpoly.edu/courses/egl/>)
- English (ENGL) (<https://catalog.calpoly.edu/courses/engl/>)
- Environmental Design (EDES) (<https://catalog.calpoly.edu/courses/edes/>)
- Environmental Engineering (ENVE) (<https://catalog.calpoly.edu/courses/enve/>)
- Environmental Sciences (ESCI) (<https://catalog.calpoly.edu/courses/esci/>)
- Ethnic Studies (ES) (<https://catalog.calpoly.edu/courses/es/>)
- Experience Industry Management (EIM) (<https://catalog.calpoly.edu/courses/eim/>)

F

- Fire Protection Engineering (FPE) (<https://catalog.calpoly.edu/courses/fpe/>)
- Firefighting (FF) Solano Campus (<https://catalog.calpoly.edu/courses/ff/>)
- Food Science (FDSC) (<https://catalog.calpoly.edu/courses/fdsc/>)
- Food Science and Nutrition (FSN) (<https://catalog.calpoly.edu/courses/fsn/>)
- French (FR) (<https://catalog.calpoly.edu/courses/fr/>)

G

- Geography (GEOG) (<https://catalog.calpoly.edu/courses/geog/>)
- Geology (GEOL) (<https://catalog.calpoly.edu/courses/geol/>)
- German (GER) (<https://catalog.calpoly.edu/courses/ger/>)
- Global Studies and Marine Affairs (GMA) Solano Campus (<https://catalog.calpoly.edu/courses/gma/>)
- Government (GOV) Solano Campus (<https://catalog.calpoly.edu/courses/gov/>)
- Graduate Studies (GS) (<https://catalog.calpoly.edu/courses/gs/>)
- Graduate Studies-Accounting (GSA) (<https://catalog.calpoly.edu/courses/gsa/>)
- Graduate Studies-Business (GSB) (<https://catalog.calpoly.edu/courses/gsb/>)
- Graphic Communication (GRC) (<https://catalog.calpoly.edu/courses/grc/>)

H

- Health (HLTH) (<https://catalog.calpoly.edu/courses/hlth/>)
- Higher Education Counseling and Student Affairs (HCSA) (<https://catalog.calpoly.edu/courses/hcsa/>)
- History (HIS) Solano Campus (<https://catalog.calpoly.edu/courses/his/>)
- History (HIST) (<https://catalog.calpoly.edu/courses/hist/>)
- Honors (HNRS) (<https://catalog.calpoly.edu/courses/hnrs/>)
- Honors Contract (HNRC) (<https://catalog.calpoly.edu/courses/hnrc/>)
- Humanities (HUM) Solano Campus (<https://catalog.calpoly.edu/courses/hum/>)

I

- Industrial and Manufacturing Engineering (IME) (<https://catalog.calpoly.edu/courses/ime/>)
- Industrial Technology and Packaging (ITP) (<https://catalog.calpoly.edu/courses/itp/>)
- Interdisciplinary Studies in Liberal Arts (ISLA) (<https://catalog.calpoly.edu/courses/isla/>)
- International Business and Logistics (IBL) Solano Campus (<https://catalog.calpoly.edu/courses/ibl/>)
- Italian (ITAL) (<https://catalog.calpoly.edu/courses/ital/>)

J

- Japanese (JPNS) (<https://catalog.calpoly.edu/courses/jpns/>)
- Journalism (JOUR) (<https://catalog.calpoly.edu/courses/jour/>)

K

- Kinesiology (KINE) (<https://catalog.calpoly.edu/courses/kine/>)

L

- Landscape Architecture (LA) (<https://catalog.calpoly.edu/courses/la/>)
- Language (LAN) Solano Campus (<https://catalog.calpoly.edu/courses/lan/>)
- Law (LAW) Solano Campus (<https://catalog.calpoly.edu/courses/law/>)
- Leadership (LDR) Solano Campus (<https://catalog.calpoly.edu/courses/ldr/>)
- Liberal Arts and Engineering Studies (LAES) (<https://catalog.calpoly.edu/courses/laes/>)
- Liberal Studies (LS) (<https://catalog.calpoly.edu/courses/ls/>)
- Library (LIB) Solano Campus (<https://catalog.calpoly.edu/courses/lib/>)

M

- Management (MGT) Solano Campus (<https://catalog.calpoly.edu/courses/mgt/>)
- Marine Science (MSCI) (<https://catalog.calpoly.edu/courses/msci/>)
- Maritime Policy and Management (MPM) Solano Campus (<https://catalog.calpoly.edu/courses/mpm/>)
- Materials Engineering (MATE) (<https://catalog.calpoly.edu/courses/mate/>)
- Mathematics (MATH) (<https://catalog.calpoly.edu/courses/math/>)
- Mathematics (MTH) Solano Campus (<https://catalog.calpoly.edu/courses/mth/>)
- Mechanical Engineering (ME) (<https://catalog.calpoly.edu/courses/me/>)
- Microbiology (MCRO) (<https://catalog.calpoly.edu/courses/mcro/>)
- Military Science Leadership (MSL) (<https://catalog.calpoly.edu/courses/msl/>)
- Music (MU) (<https://catalog.calpoly.edu/courses/mu/>)

N

- Natural Resources (NR) (<https://catalog.calpoly.edu/courses/nr/>)
- Nautical Science (NAU) Solano Campus (<https://catalog.calpoly.edu/courses/nau/>)
- Naval Science (NSC) Solano Campus (<https://catalog.calpoly.edu/courses/nsc/>)
- Nutrition (NUTR) (<https://catalog.calpoly.edu/courses/nutr/>)

O

- Oceanography (OCN) Solano Campus (<https://catalog.calpoly.edu/courses/ocn/>)

P

- Philosophy (PHIL) (<https://catalog.calpoly.edu/courses/phil/>)
- Physical Education (PE) Solano Campus (<https://catalog.calpoly.edu/courses/pe/>)
- Physical Science (PSC) (<https://catalog.calpoly.edu/courses/psc/>)
- Physics (PHY) Solano Campus (<https://catalog.calpoly.edu/courses/phy/>)
- Physics (PHYS) (<https://catalog.calpoly.edu/courses/phys/>)
- Plant Sciences (PLSC) (<https://catalog.calpoly.edu/courses/plsc/>)
- Political Science (POLS) (<https://catalog.calpoly.edu/courses/pols/>)
- Psychology (PSY) (<https://catalog.calpoly.edu/courses/psy/>)

R

- Religious Studies (RELS) (<https://catalog.calpoly.edu/courses/rels/>)

S

- Science and Mathematics (SCM) (<https://catalog.calpoly.edu/courses/scm/>)
- Sociology (SOC) (<https://catalog.calpoly.edu/courses/soc/>)
- Soil Science (SS) (<https://catalog.calpoly.edu/courses/ss/>)
- Spanish (SPAN) (<https://catalog.calpoly.edu/courses/span/>)
- Special Education (SPED) (<https://catalog.calpoly.edu/courses/sped/>)
- Statistics (STAT) (<https://catalog.calpoly.edu/courses/stat/>)

T

- Theatre (TH) (<https://catalog.calpoly.edu/courses/th/>)
- Transportation Engineering Management (TEM) Solano Campus (<https://catalog.calpoly.edu/courses/tem/>)

U

- University Studies (UNIV) (<https://catalog.calpoly.edu/courses/univ/>)

W

- Wine and Viticulture (WVIT) (<https://catalog.calpoly.edu/courses/wvit/>)
- Women's, Gender and Queer Studies (WGQS) (<https://catalog.calpoly.edu/courses/wgqs/>)
- World Languages and Cultures (WLC) (<https://catalog.calpoly.edu/courses/wlc/>)

General Education Requirements and Courses

General Education (GE) Requirements

- 43 units required.
- See the complete GE course listing (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/#generaleducationtext>).
- A grade of C- or better is required in one course in each of the following GE Areas: 1A (English Composition), 1B (Critical Thinking), 1C (Oral Communication), and 2 (Mathematics and Quantitative Reasoning).

Lower-Division General Education

Area 1	English Communication and Critical Thinking	
1A	Written Communication	3
1B	Critical Thinking	3
1C	Oral Communication	3
Area 2	Mathematics and Quantitative Reasoning	
2	Mathematics and Quantitative Reasoning	3
Area 3	Arts and Humanities	
3A	Arts	3
3B	Humanities: Literature, Philosophy, Languages other than English	3
Area 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	
4A	American Institutions (Title 5, Section 40404 Requirement)	3
4B	Social and Behavioral Sciences	3
Area 5	Physical and Life Sciences	
5A	Physical Sciences	3
5B	Life Sciences	3
5C	Laboratory (may be embedded in a 5A or 5B course)	1
Area 6	Ethnic Studies	
6	Ethnic Studies	3
Upper-Division General Education		
Upper-Division 2/5	Mathematics and Quantitative Reasoning or Physical and Life Sciences	3
Upper-Division 3	Arts and Humanities	3

Upper-Division 4

Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)

3

Total Units
43

GE COURSES BY AREA

AREA 1: English Communication and Critical Thinking (9 units)

1A Written Communication (3 units)

EGL 1100	English Composition	3
EGL 1102	Stretch English Composition II	3
ENGL 1132	Writing and Rhetoric Stretch (Part II)	3
ENGL 1133	Multilingual Writing and Rhetoric	3
ENGL 1134	Writing and Rhetoric	3
ES 1134	Writing and Rhetoric	3

1B Critical Thinking (3 units)

COMS/HNRS 1126	Argument and Advocacy	3
COMS 1145	Reasoning, Argumentation, and Writing	3
EGL 2220	Critical Thinking	3
ENGL/HNRS 1145	Writing Arguments	3
ENGL 1146	Writing Arguments Across Cultures	3
ENGL/HNRS 1147	Writing Arguments about STEM	3
ENGL 1148	Critical Thinking for Technical Writers	3
ES 1145	Writing, Reasoning, and Argumentation	3
PHIL 1126	Logic and Argumentative Writing	3
WGQS 1145	Reasoning, Argumentation, and Writing on Gender and Sexuality	3

1C Oral Communication (3 units)

COMS/HNRS 1101	Public Speaking	3
COMS/HNRS 1102	Public Speaking in Digital Spaces	3
EGL 1110	Speech Communication	3
EGL 1120	Professional Communication	3
ENG 1112	Introduction to Technical Communication	2
ME 4490	Engineering Design Process	3

AREA 2: Mathematical and Quantitative Reasoning (3 units)

DATA 1000	Statistical and Data Literacy	3
DATA 1264	Calculus for Data Science I	4
MATH 1001	Nature of Modern Mathematics	3
MATH 1004	Stretch College Algebra	5
MATH 1005	Stretch Precalculus	5
MATH 1006	College Algebra	3
MATH 1007	Precalculus	3
MATH/HNRS 1261	Calculus I	4
MATH/HNRS 1262	Calculus II	4
MATH 1264	Calculus for Data Science I	4
MATH 1267	Business Calculus	3
MTH 1100	College Algebra and Trigonometry	4
MTH 1105	Finite Mathematics for Business	3
MTH 1107	Elementary Statistics	3
MTH 2205	Calculus for Business	3
MTH 2210	Calculus I	4
MTH 2211	Calculus II	4

MTH 2212	Calculus III	4
MTH 2215	Differential Equations	3
NAU 2205	Ship Stability	3
STAT 1000	Statistical and Data Literacy	3
STAT 1110	Applied Statistical Concepts and Methods	3
STAT 1210	Business Statistics I	3
STAT 1220	Business Statistics II	3
STAT 1510	Statistics I	3

AREA 3: Arts and Humanities (6 units)

3A Arts (3 units)

ART 1101	Fundamentals of Drawing	3
ART 1111	Introduction to the Visual Arts	3
ART 1112	European/U.S. Art: A Thematic History	3
ART 1130	Fundamentals of Digital Media Art	3
ART 1160	Introduction to Digital Photography	3
ART 1184	Beginning Sculpture	3
ART 1187	Ceramics I	3
COMS 2208	Performance, Literature, and Culture	3
DANC 2221	Dance Appreciation	3
EGL 2225	Creative Writing	3
ENGL 2272	Introductory Topics in Cinematic Expression	3
ES 2220	African American Popular Culture	3
ES 2221	Native American Popular Culture	3
ES 2222	Asian American Popular Culture	3
ES 2223	Latina/o/x Popular Culture	3
GRC 1100	Visual Literacy and Communication	3
HUM 1115	Maritime Arts	3
HUM 1120	Introduction to Visual Arts	3
HUM 2215	Introduction to Cinema	3
ISLA 2240	Introduction to Media Arts and Technologies	3
LS 2370	Performing Arts for Children: Theory and Practice	3
MU 1101	Music Fundamentals	3
MU/HNRS 1120	Music Appreciation	3
MU 2221	Jazz Styles	3
MU 2227	Popular Music of the United States	4
TH 2210	Introduction to Theatre	3
TH 2227	Theatre History I	3
TH 2228	Theatre History II	3
WGQS/HNRS 2301	Gender and Sexuality in Visual and Popular Culture	3

3B Humanities: Literature, Philosophy, Languages other than English (3 units)

CHIN 1141	Elementary Chinese Language and Culture I Study Abroad	3
CHIN 1142	Elementary Chinese Language and Culture II Study Abroad	3
CHIN 2201	Intermediate Chinese Language and Culture I	4
CHIN 2202	Intermediate Chinese Language and Culture II	4
CHIN 2241	Intermediate Chinese Language and Culture I Study Abroad	3
CHIN 2242	Intermediate Chinese Language and Culture II Study Abroad	3
EGL 2200	Introduction to Literature	3
ENGL 2230	British Literature: Beginnings to 1789	3
ENGL 2231/HNRS 2233	British Literature: 1789 to the Present	3
ENGL 2241	U.S. Literature: Beginnings to 1865	3

ENGL 2242	U.S. Literature: 1830 to Present	3
ENGL/HNRS 2251	Introduction to Classical Literature	3
ENGL 2252	Introduction to Medieval through Enlightenment Literature	3
ENGL 2253	Introduction to Literature in the Age of Revolution	3
ENGL 2255	Children's Literature in a Diverse Society	3
ENGL 2259	Introduction to Dramatic Literature	3
ENGL 2274	Survey of Queer and Trans Literature and Media	3
FR 2201	Intermediate French Language and Culture I	4
FR 2202	Intermediate French Language and Culture II	4
FR 2233	Critical Reading in French Literature	3
GER 2201	Intermediate German Language and Culture	4
GER 2233	Introduction to German Literature	4
ITAL 1141	Elementary Italian Language and Culture I Study Abroad	3
ITAL 1142	Elementary Italian Language and Culture II Study Abroad	3
ITAL 2201	Intermediate Italian I	4
ITAL 2202	Intermediate Italian II	4
ITAL 2241	Intermediate Italian Language and Culture I Study Abroad	3
ITAL 2242	Intermediate Italian Language and Culture II Study Abroad	3
JPNS 2201	Intermediate Japanese I	4
JPNS 2202	Intermediate Japanese II	4
LAN 1110	Spanish I	3
LAN 1115	Spanish II	3
LAN 1120	Chinese I	3
LAN 1125	Chinese II	3
LS 2255	Children's Literature in a Diverse Society	3
PHIL/HNRS 2230	Philosophical Classics: Knowledge and Reality	3
PHIL/HNRS 2231	Philosophical Classics: Ethics and Political Philosophy	3
SPAN 1141	Elementary Spanish Language and Cultures I Study Abroad	3
SPAN 1142	Elementary Spanish Language and Cultures II Study Abroad	3
SPAN 2201/HNRS 2204	Intermediate Spanish I	4
SPAN 2202/HNRS 2205	Intermediate Spanish II	4
SPAN 2206	Spanish for Heritage Speakers	3
SPAN 2233	Introduction to Hispanic Literature	3
SPAN 2241	Intermediate Spanish Language and Cultures I Study Abroad	3
SPAN 2242	Intermediate Spanish Language and Cultures II Study Abroad	3

Upper-Division 3 (3 units)

AREA 4: Social and Behavioral Sciences (6 units)

Area 4 includes two lower-division courses (4A and 4B) and one upper-division course (see Upper-Division Area 4 below). These three courses must come from at least two different course prefixes.

4A American Institutions (Title 5, Section 40404 Requirement) (3 units)

ES/HNRS 1112	Race, Culture, and Politics in the United States	3
GOV 2200	American Government	3
HIST 2201/HNRS 2203	United States History to 1877	3
HIST/HNRS 2202	United States History Since 1877	3
HIST 2206	United States Cultures	3
POLS 1112	U.S. and California Government	3
WGQS/HNRS 2201	Gender and Sexuality in US Society and Politics	3

4B Social and Behavioral Sciences (3 units)

ANT 2201	Cultural Anthropology	3
ANT 2202	World History Before Writing	3
COMS 2211	Interpersonal Communication	3
COMS 2217	Small Group Collaboration and Creativity	3
ECO 1100	Macroeconomics	3
ECO 1101	Microeconomics	3
GEOG 1150	Human Geography	3
GMA 1100	International Relations	3
GMA 1105	Ocean Politics	3
GMA 2215	Comparative Politics	3
GMA 2220	Comparative Maritime Politics	3
GMA 2225	Southeast Asia-Maritime Mainland	3
GMA 2235	GIS Mapping and Spatial Analysis	3
GMA 2240	World Geography	3
GMA 2250	Environmental Policy	3
HIS 1100	Survey of American History to 1877: Precontact Through the Civil War	3
HIS 1101	Survey of American History from 1877: Civil War Through Civil Rights	3
HIST 2210	World History to 1800	3
HIST 2211	European History to 1500	3
HIST 2212	European History since 1500	3
HIST/HNRS 2213	Modern Political Economy	3
HIST/HNRS 2216	Comparative Social Movements	3
HIST 2222	World History to 1500	3
HIST/HNRS 2223	World History since 1500	3
HIST 2225	The World at War	3
HLTH 1155	Multicultural Perspectives and Health	3
HLTH 1160	Women's Health and Society	3
HLTH 2261	Social Determinants of Health	3
JOUR 2228	Media, Self and Society	3
PSY 2201	Introductory Psychology	3
RELS 2201	Religion, Dialogue, and Society	3
SOC 1110	Comparative Societies	3
SOC 2218	International Political Economy	3
WGQS 1101	Introduction to Women's, Gender, and Queer Studies	3
WGQS/HNRS 2401	Sexuality Studies	3

AREA 5: Physical and Life Sciences (7 units)

5A Physical Sciences (3 units)

ASTR 1101	Introduction to the Solar System	3
ASTR 1102	Introduction to Stars and Galaxies	3
CHE 1110	General Chemistry	3
CHE 2205	Chemistry of Power Plant Processes	3
CHEM 1110	World of Chemistry	4
CHEM 1112	Chemistry in Context	3
CHEM 1120	Fundamentals of Chemical Structure and Properties	4
CHEM 1122	Fundamentals of Chemical Reactivity	4
GEOL 2203	The Geologic Record: Fossils and the History of Life	3
OCN 1105	Introduction to Oceanography	3
PHY 1100	General Physics I	3
PHY 1105	General Physics II	3
PHY 1120	Physics for Future Leaders	3
PHY 2200	Engineering Physics I	3

PHY 2205	Engineering Physics II	3
PHYS 1104	Introductory Physics	3
PHYS 1111	Contemporary Physics for Nonscientists	3
PHYS 1121	College Physics I	4
PHYS/HNRS 1141	General Physics I	4
PHYS/HNRS 1143	General Physics II	4
PSC 1101	Physical Science for Elementary Educators I	4
PSC 2201	Physical Oceanography	3

5B Biological Sciences (3 units)

ANT 2250	Biological Anthropology	3
BIO 1111	General Biology	3
BIO 1113	Biology of Sex	3
BIO 1114	Plant Diversity and Ecology	4
BIO 1150	Life: History and Diversity	4
BIO 1151	Life: Molecules and Cells	4
BIO 2213	Life Science for Engineers	3
BIO 2215	Biodiversity of California	3
BIO 2217	Wildlife Conservation Biology	3
BOT 1121	General Botany	4
MCRO 2221	Introduction to Microbiology	4
MSCI 1111	The Oceans	3
OCN 1100	Marine Biology	3
OCN 1110	Marine Ecology	3
PSY 2240	Biopsychology	3

5C Laboratory (1 unit)
May be embedded in 5A or 5B course, as long as 7 units are met for lower-division Area 5

BIO 1112	Biology Laboratory for Non-Majors	1
BIO 1114	Plant Diversity and Ecology	4
BIO 1150	Life: History and Diversity	4
BIO 1151	Life: Molecules and Cells	4
BOT 1121	General Botany	4
CHE 1110L	General Chemistry Laboratory	1
CHEM 1110	World of Chemistry	4
CHEM 1120	Fundamentals of Chemical Structure and Properties	4
CHEM 1122	Fundamentals of Chemical Reactivity	4
MCRO 2221	Introduction to Microbiology	4
OCN 1100L	Marine Biology Laboratory	1
OCN 1110L	Marine Ecology Laboratory	1
OCN 2200L	Introduction to Oceanography Laboratory	1
PHY 1100L	General Physics I Laboratory	1
PHY 1105L	General Physics II Laboratory	1
PHY 1120L	Physics for Future Leaders Laboratory	1
PHY 2200L	Engineering Physics I Laboratory	1
PHYS 1121	College Physics I	4
PHYS/HNRS 1141	General Physics I	4
PHYS/HNRS 1143	General Physics II	4
PSC 1101	Physical Science for Elementary Educators I	4

AREA 6: Ethnic Studies (3 units)

ES 2252	Global Origins of Race in the U.S.	3
ES 2253	Introduction to American Indian Studies	3
ES 2254	Introduction to African American Studies	3
ES 2255	Introduction to Latina/o/x Studies	3
ES 2256	Introduction to Asian American Studies	3
ES 3304	Race and American Literature	4
ES 3312	Race and Media Studies	4
ES 3382	Racial Capitalism	4

Upper-Division General Education (9 units)

Upper Division 2 or Upper Division 5 Mathematical and Quantitative Reasoning or Physical and Life Sciences (3 units)

One course in Upper-Division Area 2/5

AERO 3300	Engineering Numerical Analysis	4
AERO/HNRS 3310	Air and Space	3
ASTR 3324	Longitude, Navigation, and Timekeeping	3
BIO 3312	Human Genetics	3
BIO 3315	Biology of Cancer	3
BIO 3318	Genetic Engineering Technology	3
BOT 3311	Plants, People and Civilization	4
CHEM 3318	Genetic Engineering Technology	3
CHEM 3350	Biochemistry: Fundamentals and Applications	4
CHEM 3352	Biochemistry	4
CHEM 3374	Chemical and Biological Warfare	3
ENVE 3323	Engineering for the Environment	3
ENVE 3324	Introduction to Air Pollution	3
GEOG/AG/EDES/ENGR/ISLA/SCM/UNIV 3350	The Global Environment	3
GMA 3370	International Political Economy	3
GRC 3200	Color Management	3
ISLA 3305	Public Engagements with STEM	3
MATH 3051	Combinatorics I	3
MATH 3111	Number Theory	3
MATH 3301	Complex Analysis	3
MATH 3351	Differential Equations and Boundary Value Problems	3
MCRO 3321	Microbes, Food, and Microbiome	3
MGT 4410	Quantitative Managerial Methods	3
NAU 3330	Meteorology	3
OCN 3320	Oceans and Climate	3
PHYS 3305	Classical Mechanics I	3
PSC 3320	Energy, Society, and the Environment	3
PSC/HNRS/UNIV 3392	Collaboratively Developing Sustainable Technologies Globally	3
PSY 3344	Behavioral Genetics	3
SCM 3360	Selected Environmental Issues of California's Central Coast	3
STAT 3210	Engineering Statistics	3
STAT 3310	Probability and Random Processes for Engineers	3
UNIV/AG/ISLA/SCM 3330	Cal Poly Land: Nature, Technology, and Society	3
WGQS/ES/HNRS 3350	Gender, Race, Culture, Science, and Technology	4

Upper-Division 3 Arts and Humanities (3 units)

ART 3310	Art of the Americas	3
ART 3311	Nineteenth Century Art of Europe and the United States	3

ART 3314	History and Contemporary Practices of Photography	3
ART 3317	Asian Art Survey	3
ART 3320	Michelangelo	3
ART 3321	Themes in Renaissance Art	3
ART 3322	Themes in Modern and Contemporary Art	3
ART 3323	New Media Art History	3
ART 3324	Politics of Abstraction	3
ART 3327	Intersectional Feminist Art Histories	3
COMS 3308	Group Performance of Literature	3
COMS 3386	Communication, Media, and Politics	3
DANC 3321	Cultural Influence on Dance in the United States	3
EGL 3309	British Literature of the Sea	3
EGL 3310	U.S. Literature of the Sea	3
EGL 3315	World Literature of the Sea	3
EGL 3320	Literature of the Fantastic	3
EGL 3330	Literature and Psychology	3
EGL 3340	Multicultural Literature in America	3
EGL 3345	Literature and the Environment	3
ENGL 3311	Writing With Style	3
ENGL 3313	Multilingual/Multimodal: Writing Transnational Spaces	3
ENGL 3317	Humanistic Perspectives in Technical and Professional Editing	3
ENGL 3330	British Literature: Beginnings to 1485	3
ENGL 3331	British Literature: 1485 to 1660	3
ENGL 3332	British Literature: 1660 to 1798	3
ENGL/HNRS 3333	British Literature: 1798 to 1832	3
ENGL 3334	British Literature: 1832 to 1914	3
ENGL 3335	British Literature: 1914 to Present	3
ENGL 3339	Introduction to Shakespeare	3
ENGL 3340	Intermediate U.S. Literature: Beginnings to 1865	3
ENGL/HNRS 3341	U.S. Literature: 1865 to 1914	3
ENGL/HNRS 3342	U.S. Literature: 1914 to 1956	3
ENGL/HNRS 3343	U.S. Literature: 1956 to Present	3
ENGL/HNRS 3345	Women Writers of the Twentieth and Twenty-First Centuries	3
ENGL 3346	Multiethnic Literature of the U.S.	3
ENGL/HNRS 3347	African American Literature	3
ENGL 3348	Asian American Literature	3
ENGL 3349	Trans Literatures	3
ENGL 3350	The Modern Novel	3
ENGL 3351	Modern Poetry	3
ENGL/HNRS 3352	Modern Drama	3
ENGL 3354	The Bible as Literature and in Literature and the Arts	3
ENGL 3371	Film Styles and Genres	3
ENGL 3372	Film Directors	3
ENGL 3373	Topics on Gender Representations in Film	3
ENGL 3374	Disability and Diversity in U.S. Film	3
ENGL 3375	World Cinema	3
ENGL/HNRS 3380	Themes in Literature and Culture	3
ENGL 3381	Topics in Diversity in Twentieth- and Twenty-First Century US Literature	3
ENGL 3386	Creative Nonfiction	3
ENGL 3387	Fiction Writing	3
ENGL 3388	Poetry Writing	3
ENGL 3611	Literary Themes	4

ENGL 3618	Research Topics in Diversity in Twentieth- and Twenty-First Century U.S. Literature	4
ENGL 3621	Contemporary U.S. Dramatic Literature	3
ENGL 3624	Topics in Queer and Trans Literature and Media	3
ENGL 3625	Research Topics in Queer and Trans Literature and Media	4
ENGL 3626	Intermediate Topics in Film	4
ES 3300	Chicana/o/x Non-Fiction Literature	4
ES 3301	Latina/o/x Literature of the United States	4
ES 3302	Chicana/o/x Literature	4
ES 3303	Latina/o/x Poetry	4
ES 3324	Chicana/o/x Film	4
ES 3340	Cultural Production and Ethnicity	4
FR 3305	Literature in French	3
FR 3350	French Literature in English Translation	3
GER 3304	German Culture and Society	3
GER 3305	German Literature	3
GER 3350	German Literature in English Translation	3
HIST 3307	Modern European Thought and Culture	4
HIST 3309	Cultures of the African Diaspora	4
HIST 3319	A Cultural History of Southeast Asia	4
HIST 3320	The Age of Revolution in the Americas	4
HIST 3337	Colonial Latin America	4
HUM 3325	Globalization of Culture	3
HUM 3350	Maritime Culture	3
HUM 3380	Ethical Inquiry	3
ISLA/HNRS 3303	Values and Technology	3
ISLA/HNRS 3320	Issues in Values, Media and Culture	3
ISLA 3335	Feminist Studies of Popular Culture and Whiteness	3
ISLA 3345	Independent Cinema and Film Festivals	3
ISLA 3360	Feminist Studies of Disability in Popular Culture	3
KINE 3325	Sport and Physical Activity Throughout Civilizations	3
MU 3324	Music and Society	3
PHIL 3301	Philosophical Topics	3
PHIL 3309	Early Greek Philosophy through Plato	3
PHIL 3310	Aristotle and Hellenistic Philosophy	3
PHIL 3312	Medieval Philosophy	3
PHIL 3313	Early Modern Rationalism	3
PHIL 3314	Early Modern Empiricism	3
PHIL 3315	Kant and 19th Century European Philosophy	3
PHIL 3317	History of Analytic Philosophy	3
PHIL 3318	Phenomenology	3
PHIL 3319	Existentialism	3
PHIL 3321	Philosophy of Science	3
PHIL 3322	Philosophy of Technology	3
PHIL/HNRS 3323	Ethics, Science, and Technology	3
PHIL 3327	Robot Ethics	3
PHIL 3328	Technologies and Ethics of Warfare	3
PHIL 3331	Ethics	3
PHIL 3332	History of Ethics	3
PHIL 3333	Political Philosophy	3
PHIL 3334	Philosophy of Law	3
PHIL/HNRS 3335	Social Ethics	3

PHIL 3336	Feminist Ethics, Gender, Sexuality and Society	3
PHIL 3337	Business Ethics	3
PHIL 3339	Biomedical Ethics	3
PHIL 3340	Environmental Ethics	3
PHIL 3341	Professional Ethics	3
PHIL 3342	Philosophy of Religion	3
PHIL 3343	Power, Alienation, and Political Life	3
PHIL 3350	Aesthetics	3
PHIL 3351	Philosophy of Literature	3
PHIL 3361	Indian Philosophy	3
PHIL 3362	Chinese and East Asian Philosophy	3
PHIL 3369	Postmodernism	3
RELS 3301	Religions of Asia	3
RELS 3302	Abrahamic Religions: Judaism, Christianity, and Islam	3
RELS 3304	Judaism	3
RELS 3306	Hinduism	3
RELS 3307	Buddhism	3
RELS 3310	Christianity	3
RELS 3311	Islam	3
RELS 3370	Religion, Gender, and Society	3
RELS 3372	Spiritual Extremism: Asceticism, Mysticism, and Madness	3
RELS 3374	Religion and Violence	3
RELS 3378	Religion and Contemporary Values	3
RELS 3390	Topics in Religious Studies	3
SPAN 3305	Literary Works in Spanish	3
SPAN 3307	Spanish and Latin American Film	3
SPAN 3340	Chicanx/Latinx Works in Spanish	3
SPAN 3350	Hispanic Literature in English Translation	3
SPAN 3351	Chicanx/Latinx Works in English	3
TH 3305	Diversity in U.S. Theatre	3
TH 3390	Global Theatre and Performance	3
WGQS 3327	Intersectional Feminist Art Histories	3
WGQS 3335	Feminist Studies of Popular Culture and Whiteness	3
WGQS 3336	Feminist Ethics, Gender, Sexuality and Society	3
WGQS 3360	Feminist Studies of Disability in Popular Culture	3
WGQS 3370	Religion, Gender, and Society	3
WGQS 3385	Porn Studies	4
WLC 3307	World Cultures through Film	3
WLC 3310	Humanities in World Cultures	3
WLC 3312	Humanities in Chicanx/Latinx Cultures	3
WLC 3350	Literatures in World Cultures	3

Upper-Division 4 Social and Behavioral Sciences (3 units)

Area 4 includes two lower-division courses (see 4A and 4B above) and one upper-division course (Upper-Division Area 4). These three courses must come from at least two different course prefixes.

ANT 3345	Human Behavioral Ecology	3
ANT 3360	Human Cultural Adaptations	3
ART 3333	Social Justice Art: Activist Cultures, Politics, and Pedagogies	3
COMS 3305	Persuasion	3
COMS 3316	Intercultural Communication	3
COMS 3320	Intergroup Communication	3
COMS 3384	Media Effects	3

ENG 3310	Engineering Ethics	3
ENGL 3310	Corporate Communication	3
ES 3310	Hip-Hop, Poetics, and Politics	4
ES 3311	Beyonce: Race, Feminism, and Politics	4
ES 3325	African American Genders and Sexualities	4
ES 3330	Chinese American Experiences	4
ES 3335	Filipina/o/x American Experiences	4
ES 3345	Queer Ethnic Studies	4
ES 3351	Gender, Race, Class, Nation: Critical Computing and Engineering Studies	4
ES 3360	Indigeneity and the Land	4
ES 3380	Critical Race Theory	4
ES 3381	Social Constructions of Whiteness	4
GEOG 3308	Global Geography	3
GEOG 3370	Geography of Latin America	3
GEOG 3380	Geography of the Caribbean	3
GMA 3300	U.S. Foreign Policy	3
GMA 3310	The Geopolitics of Energy	3
GMA 3315	China and its Neighbors	3
GMA 3320	Ocean Environmental Management	3
GMA 3325	Indian Ocean Rim	3
GMA 3330	Maritime Security	3
GMA 3335	Maritime California	3
GMA 3340	International Migration	3
GMA 3350	Political Geography	3
GMA 3355	Cross-Cultural Competence	3
GMA 3365	Polar Politics	3
GMA 4405	International Maritime Organizations	3
GMA 4415	Strategy and War	3
GMA 4420	Cybersecurity	3
GMA 4425	Civil Conflict	3
HIS 3300	Maritime History of the United States	3
HIST 3306	The Witch-Hunts in Europe: 1400-1800	4
HIST 3308	The Transatlantic Slave Trade	4
HIST/HNRS 3310	East Asian Cultures and Civilizations	4
HIST 3311	Comparative World Environmental History and Sustainability	4
HIST 3316	Modern East Asia	4
HIST/HNRS 3317	The Lure of the Sea	4
HIST 3318	The City in the Modern World	4
HIST 3321	United States Civil War	4
HIST 3322/3322	Modern United States History	4
HIST 3326	United States Foreign Relations since 1898	4
HIST 3333	Early Modern Europe: 1450-1800	4
HIST/HNRS 3334	Modern Europe: 1789-1914	4
HIST 3335/HNRS 3336	Modern Europe since 1914	4
HIST 3336	The Allies at War: Democracy, Dictatorship, and the Struggle for Freedom - 1939-1945	4
HIST 3338	Modern Latin America	4
HIST 3350/HNRS 3353	The Scientific Revolution: 1500-1800	4
HIST 3351	The History of Modern Science Since 1800	4
HIST 3355/HNRS 3336	History of Network and Information Technologies	4
HLTH 3305	Drugs in Society	3
HLTH 3322	Public Health Policy and Advocacy	3

HLTH 3344	Health Care Systems	3
HLTH 3348	Public Health and Mental Health	3
KINE 3323	Sport and Gender	3
KINE 3324	Sports, Media, and United States Popular Culture	3
KINE 3382	Psychological Aspects of Injury in Sport and Physical Activity	3
LAW 3300	International Law	3
LAW 3315	Admiralty Law	3
LS 3350	Identity and Equity in American Schools	3
POLS 3325	Global Political Issues	3
POLS 3332	World Food Systems	3
POLS 3337	U.S. and China in the Contemporary World	3
POLS/HIST 3338	Critical Issues in U.S. Politics	3
POLS 3348	Early U.S. Political Thought	3
POLS 3349	Contemporary U.S. Political Thought	3
PSC 3391	Engaging in Sustainable Global Development	3
PSY 3304	Intergroup Dialogues	3
PSY 3311	Environmental Psychology	3
PSY 3318/3318	Psychology of Aging	3
PSY 3352	Psychology of Conflict and Justice	4
RELS 3344	Approaches to Religion and Spirituality	3
SOC 3315	Global Race and Ethnic Relations	3
SOC 3321	Migration	3
SOC 3326	Sociology of the Life Course	3
SOC 3343	Sociology of the Global South	3
SOC 3350	Identity and Equity in American Schools	3
SPAN 3380	Spanish for the Professions	3
UNIV/HNRS/PSC 3391	Engaging in Sustainable Global Development	3
WGQS 3301	Contemporary Issues in Women's and Gender Studies	3
WGQS 3302	Contemporary Issues in Queer Studies	3
WGQS 3330	Feminist/Queer Transnational Studies	3
WGQS 3345	Queer Ethnic Studies	4
WGQS 3351	Gender, Race, Class, Nation: Critical Computing and Engineering Studies	4
WLC 3315	Critical Issues in Latin American Studies	3

Graduation Writing Requirement (GWR)

The Graduation Writing Requirement (GWR) is a CSU Board of Trustees mandate designed to ensure that students can write proficiently before they enter the professional workforce. All Cal Poly students who are seeking a degree, including Master's degrees and teaching credentials, must fulfill the GWR before a diploma can be awarded.

Further information on pathways to meeting this degree requirement may be obtained from the Office of Writing and Learning Initiatives, Kennedy Library (35) Room 202A (805-756-2067), or on the GWR webpage, <https://writingandlearning.calpoly.edu/gwr> (<https://writingandlearning.calpoly.edu/gwr/>).

GWR Courses

Code	Title	Units
ARCH 4460	Senior Architectural Thesis Theory and Research Seminar	3
BIO 4443	Climate Change Biology	4
BIO 4452	Cell Biology	3
BIO 4461	Senior Project - Research Proposal	2
BIO 4463	Senior Project - Meta-analysis in Biology	2
COMS 3332	Rhetorical Criticism	3
COMS 3385	Media Criticism	3
ENGL 3310	Corporate Communication	3
ENGL 3311	Writing With Style	3

ENGL 3313	Multilingual/Multimodal: Writing Transnational Spaces	3
ENGL 3315	Writing Sustainability, Equity, and Resilience	3
ENGL 3317	Humanistic Perspectives in Technical and Professional Editing	3
ENGL 3330	British Literature: Beginnings to 1485	3
ENGL 3331	British Literature: 1485 to 1660	3
ENGL/HNRS 3332	British Literature: 1660 to 1798	3
ENGL/HNRS 3333	British Literature: 1798 to 1832	3
ENGL 3334	British Literature: 1832 to 1914	3
ENGL 3335	British Literature: 1914 to Present	3
ENGL 3339	Introduction to Shakespeare	3
ENGL 3340	Intermediate U.S. Literature: Beginnings to 1865	3
ENGL 3341	U.S. Literature: 1865 to 1914	3
ENGL/HNRS 3342	U.S. Literature: 1914 to 1956	3
ENGL/HNRS 3343	U.S. Literature: 1956 to Present	3
ENGL/HNRS 3345	Women Writers of the Twentieth and Twenty-First Centuries	3
ENGL/HNRS 3347	African American Literature	3
ENGL 3348	Asian American Literature	3
ENGL 3349	Trans Literatures	3
ENGL 3350	The Modern Novel	3
ENGL 3351	Modern Poetry	3
ENGL/HNRS 3352	Modern Drama	3
ENGL 3371	Film Styles and Genres	3
ENGL 3372	Film Directors	3
ENGL 3373	Topics on Gender Representations in Film	3
ENGL 3374	Disability and Diversity in U.S. Film	3
ENGL 3375	World Cinema	3
ENGL 3375	World Cinema	3
ENGL/HNRS 3380	Themes in Literature and Culture	3
ENGL 3381	Topics in Diversity in Twentieth- and Twenty-First Century US Literature	3
ENGL 3393	Theory and Practice of Tutoring Writing	4
ENGL 3611	Literary Themes	4
ENGL 3618	Research Topics in Diversity in Twentieth- and Twenty-First Century U.S. Literature	4
ENGL 3621	Contemporary U.S. Dramatic Literature	3
ENGL 3625	Research Topics in Queer and Trans Literature and Media	4
ENGL 3626	Intermediate Topics in Film	4
ENGL 3627	Intermediate Topics in Writing	4
ENGL 3632	Writing Grant Proposals and Fundraising Appeals	3
ENGL 3636	Copywriting	3
GRC 4290	User Experience Research Methods	3
HIST 3307	Modern European Thought and Culture	4
HIST 3350/HNRS 3353	The Scientific Revolution: 1500-1800	4
HIST 3351	The History of Modern Science Since 1800	4
HLTH 3305	Drugs in Society	3
KINE 3323	Sport and Gender	3
KINE 3324	Sports, Media, and United States Popular Culture	3
KINE 3325	Sport and Physical Activity Throughout Civilizations	3
MATE 4300	Materials Selection for the Life Cycle	3
PHYS 3339	Communicating Physics	1
TH 3305	Diversity in U.S. Theatre	3
UNIV 4401	Graduation Writing Requirement Portfolio	0

United States Cultural Pluralism (USCP)

USCP courses must fulfill all of the following criteria; and, according to AS-836-17, they must also address the Diversity Learning Objectives (DLOs). USCP courses must:

1. Focus on one or more diverse groups (identified in the Cal Poly Statement on Diversity (<https://catalog.calpoly.edu/universitypolicies/#Statement%20on%20Diversity%20and%20Inclusivity>)) whose contributions to American society have been impeded by cultural, legal, economic, and political conflict or whose social, cultural, legal, economic, and political opportunities have been restricted in the United States;
2. Cover the historical and/or contemporary social issues resulting from conflict or restricted opportunities that include but are not limited to problems associated with discrimination based on age, ethnicity, gender, nationality, abilities, religion, sexual orientation, socioeconomic status, or race in the United States;
3. Address the diverse intellectual, philosophical, and cultural perspectives of historically marginalized people in the United States;
4. Emphasize the voices and contributions of historically marginalized groups in the United States such that the course content must prominently include sources written and/or produced by historically marginalized people;
5. Foster critical thinking skills by using intersectional frameworks of analyses that are necessary for adequately understanding and analyzing various social issues related to diversity and equity in the United States;
6. Require students to examine critically their own beliefs, attitudes, and potential biases related to historically marginalized people in the United States.

In addition to satisfying these criteria, USCP courses must also address the Diversity Learning Objectives (https://academicprograms.calpoly.edu/content/academicpolicies/diversity_lo/).

Students are required to complete *one* USCP course. This course also fulfills a requirement for Major, Support, General Education, or Free Elective category.

USCP and General Education Area F are separate degree requirements. The same course (either Cal Poly or transfer) cannot satisfy both requirements.

The following courses fulfill the United States Cultural Pluralism requirement.

Code	Title	Units
COMS 3316	Intercultural Communication (Upper-Division 4) ¹	3
DANC 3321	Cultural Influence on Dance in the United States (Upper-Division 3) ¹	3
ENGL 2203	Literature Survey: The Multicultural Eighteenth Century	4
ENGL 2204	Literature Survey: Multicultural Romanticism	4
ENGL 2241	U.S. Literature: Beginnings to 1865 (3B) ¹	3
ENGL 2274	Survey of Queer and Trans Literature and Media (3B) ¹	3
ENGL 3303	Intermediate Literature: The Multicultural Eighteenth Century	4
ENGL 3304	Intermediate Literature: Multicultural Romanticism	4
ENGL 3340	Intermediate U.S. Literature: Beginnings to 1865 (Upper-Division 3) ¹	3
ENGL 3342	U.S. Literature: 1914 to 1956 (Upper-Division 3) ¹	3
ENGL 3343	U.S. Literature: 1956 to Present (Upper-Division 3) ¹	3
ENGL 3345	Women Writers of the Twentieth and Twenty-First Centuries (Upper-Division 3) ¹	3
ENGL 3346	Multiethnic Literature of the U.S. (Upper-Division 3) ¹	3
ENGL 3347	African American Literature (Upper-Division 3) ¹	3
ENGL 3348	Asian American Literature (Upper-Division 3) ¹	3
ENGL 3349	Trans Literatures (Upper-Division 3) ¹	3
ENGL 3374	Disability and Diversity in U.S. Film (Upper-Division 3) ¹	3
ENGL 3381	Topics in Diversity in Twentieth- and Twenty-First Century US Literature (Upper-Division 3) ¹	3
ENGL 3618	Research Topics in Diversity in Twentieth- and Twenty-First Century U.S. Literature (Upper-Division 3) ¹	4
ENGL 3621	Contemporary U.S. Dramatic Literature (Upper-Division 3) ¹	3
ENGL 3624	Topics in Queer and Trans Literature and Media (Upper-Division 3) ¹	3
ENGL 3625	Research Topics in Queer and Trans Literature and Media (Upper-Division 3) ¹	4
ES 1112	Race, Culture, and Politics in the United States (4A) ¹	3
ES 2220	African American Popular Culture (3A) ¹	3
ES 2221	Native American Popular Culture (3A) ¹	3
ES 2222	Asian American Popular Culture (3A) ¹	3

ES 2223	Latina/o/x Popular Culture (3A) ¹	3
ES 3300	Chicana/o/x Non-Fiction Literature (Upper-Division 3) ¹	4
ES 3301	Latina/o/x Literature of the United States (Upper-Division 3) ¹	4
ES 3302	Chicana/o/x Literature (Upper-Division 3) ¹	4
ES 3303	Latina/o/x Poetry (Upper-Division 3) ¹	4
ES 3310	Hip-Hop, Poetics, and Politics (Upper-Division 4) ¹	4
ES 3324	Chicana/o/x Film (Upper-Division 3) ¹	4
ES 3325	African American Genders and Sexualities (Upper-Division 4)	4
ES 3330	Chinese American Experiences (Upper-Division 4) ¹	4
ES 3335	Filipina/o/x American Experiences (Upper-Division 4) ¹	4
ES 3345	Queer Ethnic Studies (Upper-Division 4) ¹	4
ES 3360	Indigeneity and the Land (Upper-Division 4) ¹	4
ES 3380	Critical Race Theory (Upper-Division 4) ¹	4
ES 3381	Social Constructions of Whiteness (Upper-Division 4) ¹	4
HIST 2201	United States History to 1877 (4A) ¹	3
HIST 2202	United States History Since 1877 (4A) ¹	3
HIST 2206	United States Cultures (4A) ¹	3
HIST 2208	Survey of California History	3
HIST 3321	United States Civil War (Upper-Division 4) ¹	4
HIST 3322	Modern United States History (Upper-Division 4) ¹	4
HIST 4405	Black History in the United States to 1877	4
HIST 4406	Black History in the United States since 1877	4
HLTH 1155	Multicultural Perspectives and Health (4B) ¹	3
HLTH 1160	Women's Health and Society (4B) ¹	3
JOUR 2219	Mass Media in a Cross-Cultural Society	3
KINE 3323	Sport and Gender (Upper-Division 4) ¹	3
KINE 3324	Sports, Media, and United States Popular Culture (Upper-Division 4) ¹	3
LS 3350	Identity and Equity in American Schools (Upper-Division 4) ¹	3
MU 2221	Jazz Styles (3A) ¹	3
MU 2227	Popular Music of the United States (3A) ¹	4
MU 3325	Music of the United States	4
PHIL 3336	Feminist Ethics, Gender, Sexuality and Society (Upper-Division 3) ¹	3
POLS 3310	Politics of Race, Class, Gender, and Sexuality in the U.S.	3
POLS 3343	Civil Rights in the U.S.	3
POLS 4445	Voting Rights and Representation	3
PSY 3359	Topics in Multicultural Psychology	4
PSY 3372	Multicultural Psychology	4
PSY 4475	The Social Psychology of Prejudice	4
RELS 3370	Religion, Gender, and Society (Upper-Division 3) ¹	3
SOC 2216	U.S. Race and Ethnic Relations	3
SOC 3321	Migration (Upper-Division 4) ¹	3
SOC 4423	Gender and Work	4
SPAN 2206	Spanish for Heritage Speakers (3B) ¹	3
SPAN 3340	Chicanx/Latinx Works in Spanish (Upper-Division 3) ¹	3
SPAN 3351	Chicanx/Latinx Works in English (Upper-Division 3) ¹	3
TH 3305	Diversity in U.S. Theatre (Upper-Division 3) ¹	3
WGQS 2201	Gender and Sexuality in US Society and Politics (4A) ¹	3
WGQS 3301	Contemporary Issues in Women's and Gender Studies (Upper-Division 4) ¹	3
WGQS 3302	Contemporary Issues in Queer Studies (Upper-Division 4) ¹	3
WGQS 3327	Intersectional Feminist Art Histories (Upper-Division 3) ¹	3
WGQS 3350	Gender, Race, Culture, Science, and Technology (Upper-Division 2/5) ¹	4
WGQS 3385	Porn Studies (Upper-Division 3) ¹	4

WGQS 4450	Feminist Theory	4
WLC 3312	Humanities in Chicanx/Latinx Cultures (Upper-Division 3) ¹	3

¹ Course also satisfies General Education (GE) requirement.

Sustainability Focused Courses (p. 19)

Sustainability Related Courses (p. 21)

Sustainability Focused Courses

Sustainability is an integral part of the content and learning objectives of the following courses. These courses have been reviewed by the Academic Senate's Sustainability Committee for their relation to Cal Poly's Sustainability Learning Objectives (https://academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo/) (SLOs) and illustrate how sustainability issues are relevant across the university's entire curriculum. These courses help students identify, analyze, and design innovative solutions for currently unsustainable environmental, economic, and social practices.

In 2019, Cal Poly was awarded a gold rating by the Association for the Advancement of Sustainability in Higher Education (AASHE). The sustainability focused courses offered at Cal Poly are a key part of that rating. If you are an instructor who teaches a course focused on or related to sustainability that is not included in SUSCAT, or if you are a student who has taken such a course but do not see it listed here, please contact suscat@calpoly.edu.

Code	Title	Units
AG/EDES/ENGR/GEOG/ISLA/SCM/UNIV 3350	The Global Environment	3
AG 4452	Leadership Seminar on Issues Affecting California Agriculture, Food Systems, and Natural Resources	4
AGB 3326	Natural Resources Economics and Valuation	3
ARCH 3341	Architectural Systems Integration I	4
ARCH 3342	Architectural Systems Integration II	5
ARCH 4401	Advanced Architectural Design	5
ASCI 2232	Small Ruminant and Rangeland Management	3
BIO 2217	Wildlife Conservation Biology	3
BIO 3343	Principles of Conservation Biology	3
BIO 4427	Wildlife Management	4
BIO 4443	Climate Change Biology	4
BIO 4446	Ecosystem Ecology	4
BRAE 2220	Introduction to Biological Systems	4
BRAE 3348	Energy for a Sustainable Society	3
BRAE 3349	Water for a Sustainable Society	3
BRAE 4448	Bioconversion	3
CE 3337	Water Resources & Environmental Engineering	4
CE 5527	Sustainable Mobility	3
CE 5533	Sustainable Urban Stormwater Management	4
CHEM 3372	Environmental Chemistry	3
CM 3317	Sustainability and the Built Environment	3
CRP 3336	Introduction to Environmental Planning	4
CRP 4404	Environmental Law	4
CRP 4408	Water Resource Law and Policy	4
CRP 4445	Green Infrastructure	3
CRP 4458	Hazard Mitigation Planning and Resilient Design	3
CRP 5103	Creating Sustainable and Resilient Communities	4
EDES 1123	Place, People, and the Built Environment	3
EDES 3350	The Global Environment	3
EDES 4406	Sustainable Environments	4
EDES 4408	Implementing Sustainability Principles	4
EE 4420	Sustainable Energy Generation	3
EE 4434	Transportation Electrification and Energy Storage Systems	3
EE 4450	Solar Photovoltaic System Engineering I	3

EE 5520	Advanced Solar-Photovoltaic Systems Design	3
EIM 3313	Sustainability in the Experience Industry	3
EIM 3328	Environmental Leadership and Community Engagement	3
ENGL 3315	Writing Sustainability, Equity, and Resilience	3
ENGR 3350	The Global Environment	3
ENVE 3337	Water Resources & Environmental Engineering	4
ERSC 3335	Soil, Water, and Civilization	3
FDSC 1110	Introduction to Food Science and Sustainability	3
GEOG 3350	The Global Environment	3
HIST 4432	United States Environmental History	4
HLTH 4410	Global Health	3
HNRS 1164	Sustainability and Communities	3
HNRS 3391	Engaging in Sustainable Global Development	3
HNRS 3392	Collaboratively Developing Sustainable Technologies Globally	3
ISLA 3350	The Global Environment	3
ITP 4411	Packaging Sustainability	3
LA 2203	Landscape Ecology: Concepts, Issues, and Interrelationships	3
LA 3320	Studio IV - Landscape Performance and Design	4
LA 3322	Studio V - Environmental Planning and Design	4
LA 4410	Sustainability, Resilience, and Climate Ecology in Design	3
LA 4413	Social Equity and Design	3
LA 4414	Advanced Landscape Construction	3
LA 5521	Ecological Urban Design	3
MATE 4420	Biotechnology for Sustainable Materials	4
MATE 4481	Materials and the Environment	3
ME 4456	HVAC&R Air and Water Distribution for Sustainable Building Environments	3
ME 4457	Environmentally Efficient and Sustainable Refrigeration Systems	3
MSCI 1111	The Oceans	3
MSCI 4439	Marine Fisheries and Conservation	4
NR 3304	Agroecology	4
NR 3306	Natural Resource Ecology and Habitat Management	4
NR 3316	Environmental Literacy: An Integrative STEM Approach	3
NR 3323	Human Dimensions in Natural Resources Management	3
NR 3324	Social Dimensions of Sustainable Food Systems	3
NR 3326	Natural Resources Economics and Valuation	3
NR 3328	Environmental Leadership and Community Engagement	3
NR 3349	Water for a Sustainable Society	3
NR 3360	Ethnicity, Culture, and the Environment in the United States	3
NR 4404	Environmental Law	4
NR 4408	Water Resource Law and Policy	4
NR 4414	Sustainable Forest Management and Forest Operations	2
NR 4416	Environmental Impact Analysis and Management	4
NR 4417	Natural Resource Protection and Policy	3
NR 4442	Environmental Life-Cycle Analysis	3
NR 4445	Systems Thinking in Environmental Management	3
PHYS 3314	Ocean Dynamics	3
PLSC 1123	Introduction to Sustainable Site Horticulture	3
PLSC 3301	Horticultural Production Techniques	3
PLSC 3332	Sustainable Site Design and Systems	3
PLSC 3444	Climate Smart Agriculture	3
PSC 3320	Energy, Society, and the Environment	3
PSC 3391	Engaging in Sustainable Global Development	3

PSC 3392	Collaboratively Developing Sustainable Technologies Globally	3
PSY 3311	Environmental Psychology	3
SCM 3316	Environmental Literacy: An Integrative STEM Approach	3
SCM 3350	The Global Environment	3
SCM 3360	Selected Environmental Issues of California's Central Coast	3
SOC 3308	Sociology of the Environment	4
SOC 4431	World Population Processes and Problems	4
SS 1130	Soils in Environmental and Agricultural Systems	3
SS 2221	Soil Health and Plant Nutrition	4
SS 3444	Climate Smart Agriculture	3
UNIV 3350	The Global Environment	3
UNIV/PSC/HNRS 3391	Engaging in Sustainable Global Development	3
UNIV/PSC/HNRS 3392	Collaboratively Developing Sustainable Technologies Globally	3

Sustainability Related Courses

The "sustainability-related" courses listed here, like the sustainability focused courses above, have also been reviewed by the Academic Senate's Sustainability Committee for their relation to Cal Poly's Sustainability Learning Objectives (https://academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo/) (SLOs) and also illustrate how sustainability issues are relevant across the university's entire curriculum. While these courses address crucial issues in environmental, economic, and social sustainability, they may not center these issues as prominently in the course content and learning objectives. For that reason, they are listed as sustainability- "related" rather than sustainability- "focused."

In 2019, Cal Poly was awarded a gold rating by the Association for the Advancement of Sustainability in Higher Education (AASHE). The sustainability related courses offered at Cal Poly are a key part of that rating. If you are an instructor who teaches a course focused on or related to sustainability that is not included in SUSCAT, or if you are a student who has taken such a course but do not see it listed here, please contact suscat@calpoly.edu.

Code	Title	Units
ARCH 2241	Architectural Technology Fundamentals I	4
ARCH 2242	Architectural Technology Fundamentals II	4
ARCH 5501	Architectural Graduate Research Studio I	5
ARCH 5502	Architectural Graduate Research Studio II	5
BIO 3327	Wildlife Ecology	3
BIO 4422	Environmental Physiology	4
BUS 4401	Strategic Management	3
CE 1111	Introduction to Civil Engineering	1
CM 3318	Housing and Communities	3
CRP 3334	Cities in a Global World	3
EIM 3302	Environmental and Wilderness Education	3
ELAP 5512	Education Organization and Management	3
FDSC 3330	Food Processing and Engineering I	4
FSN 1111	Elements of Food Processing	3
GEOG 3308	Global Geography	3
GEOG 3370	Geography of Latin America	3
GEOG 3380	Geography of the Caribbean	3
GRC 3080	Product Development for Cross-Device Interaction	3
GRC 4700	Advanced Consumer Packaging	3
GSB 5563	International Business Tour	3
HIST 3311	Comparative World Environmental History and Sustainability	4
ITP 1150	Power Systems and Renewable Energy	3
ITP 3341	Packaging Polymers and Processing	3
LA 2210	Materials and Techniques of Landscape Construction	4
LA 2220	Studio II - Site Based Design	3
LA 2222	Studio III - Design for Implementation	3
LA 3304	Contemporary Issues in Cultural Landscapes	3
MATE 2190	Materials Science of Sports, Food, and Functional Clothing	3

MATE 3359	Living in a Material World	3
ME 3355	Introduction to Sustainable Energy Usage in Buildings	3
ME 4438	Nuclear Power Plant Design and Operation	3
ME 4439	Nuclear Energy Resources	4
ME 4455	Building Energy Performance and Modeling	3
NR 1140	Careers in Natural Resources Management and Environmental Sciences	1
NR 3312	Technology of Wildland Fire Management	3
NR 4413	Agricultural Law	4
PHYS 3310	Physics of Energy	2
PSC 2201	Physical Oceanography	3
SS 1120	Introductory Soil Science	4
SS 3321	Soil Morphology	4
SS 4440	Forest and Range Soils	3