

# COURSES A-Z

## General Education Courses

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### ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (AREA A)

	Standard	High-Unit
ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (AREA A)	12	12
Oral Communication (A1)	4	4

COMS/HNRS 101 Public Speaking

COMS/HNRS 102 Principles of Oral Communication

	Standard	High-Unit
Written Communication (A2)	4	4

ENGL 132 Writing and Rhetoric Stretch (Part II)

ENGL 133 Multilingual Writing and Rhetoric

ENGL 134 Writing and Rhetoric

ES 134 Writing & Rhetoric

	Standard	High-Unit
Critical Thinking (A3)	4	4

COMS 126 Argument and Advocacy

COMS 145 Reasoning, Argumentation, and Writing

ENGL/HNRS 145 Writing Arguments

ENGL/HNRS 147 Writing Arguments about STEM

ES 145 Reasoning, Argumentation, & Writing

PHIL 126 Logic and Argumentative Writing

WGQS 145 Reasoning, Argumentation, and Writing on Gender and Sexuality

### SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (AREA B)

	Standard	High-Unit
SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (AREA B)	16	28
Physical Science (B1) (B1 & B3=lab course)	4	4

ASTR 101	Introduction to the Solar System
ASTR 102	Introduction to Stars and Galaxies
CHEM 110	World of Chemistry (B1 & B3)
CHEM 124	General Chemistry for Physical Science and Engineering I (B1 & B3)
CHEM 125	General Chemistry for Physical Science and Engineering II (B1 & B3)
CHEM 127	General Chemistry for Agriculture and Life Science I (B1 & B3)
GEOL 102	Introduction to Geology
GEOL 203	The Geologic Record: Fossils and the History of Life
PHYS 104	Introductory Physics
PHYS 111	Contemporary Physics for Nonscientists
PHYS 121	College Physics I
PHYS 122	College Physics II (B1 & B3)
PHYS 141/ HNRS 134	General Physics I
PHYS 142/ HNRS 132	General Physics II (B1 & B3)
PHYS 143	General Physics III (B1 & B3)
PSC 101	Matter and Energy (B1 & B3)
PSC 201	Physical Oceanography
SS 120	Introductory Soil Science (B1 & B3)
SS 130	Soils in Environmental and Agricultural Systems (B1 & B3)

	Standard	High-Unit
Life Science (B2) (B2 & B3=lab course)	4	4

ANT 250	Biological Anthropology
ASCI 112	Principles of Animal Science
ASCI 215	Safe Handling of Animal-Based Foods for Consumers (B2 & B3)
BIO 111	General Biology (B2 & B3)
BIO 114	Plant Diversity and Ecology (B2 & B3)
BIO 123	Biology of Sex
BIO 150	Diversity and History of Life (B2 & B3)
BIO 161	Introduction to Cell and Molecular Biology (B2 & B3)
BIO 222	Biodiversity of California
BIO 227	Wildlife Conservation Biology
BOT 121	General Botany (B2 & B3)
BRAE 220	Introduction to Biological Systems (B2 & B3)
DSCI 229	General Dairy Manufacturing (B2 & B3)
LA 220	Landscape Ecology: Concepts, Issues, and Interrelationships
MCRO 221	Microbiology (B2 & B3)
MCRO 224	General Microbiology I (B2 & B3) (5)
MSCI 111	Survey of Marine Biology
PLSC 110	People, Pests and Plagues (B2 & B3)

For Engineering students only; concurrent enrollment required:

BIO 213 Life Science for Engineers (2)

BRAE/BMED 213 Bioengineering Fundamentals (2)

	Standard	High-Unit
Laboratory Activity (B3) – to be taken with a course in B1 or B2	X	X

	Standard	High-Unit
Mathematics/ Quantitative Reasoning (B4)	4	8

BUS 204 Financial Literacy

CSC 121 Computing for All I

CSC 122 Computing for All II

MATH 112 Nature of Modern Math

MATH 115 Stretch Precalculus Algebra I (3)

MATH 116 Precalculus Algebra I (3)

MATH 117 Precalculus Algebra II (3)

MATH 118 Precalculus Algebra

MATH 119 Precalculus Trigonometry

MATH/HNRS 141 Calculus I

MATH/HNRS 142 Calculus II

MATH/HNRS 143 Calculus III

MATH 161 Calculus for the Life Sciences I

MATH 162 Calculus for the Life Sciences II

MATH 182 Calculus for Architecture and Construction Management

MATH 221 Calculus for Business and Economics

MATH 227 Mathematics for Elementary Teaching I

STAT 130 Introduction to Statistical Reasoning

STAT 217 Introduction to Statistical Concepts and Methods

STAT 218 Applied Statistics for the Life Sciences

STAT 251 Statistical Inference for Management I

STAT 252 Statistical Inference for Management II (5)

	Standard	High-Unit
Upper-Division B	4	4

AERO/HNRS 310 Air and Space

AG/PLSC 315 Principles of Organic Crop Production

AG/ISLA/SCM/  
UNIV 330 Cal Poly Land: Nature, Technology, and Society

AG/EDES/ENGR/  
GEOG/ISLA/  
SCM/UNIV 350 The Global Environment

AG/ASCI 360 Holistic Management

ARCE 360 Equilibrium Without Statics

ASCI 319 Physiological Chemistry of Animals

ASTR 324 Longitude, Navigation, and Timekeeping

BIO 302 Human Genetics

BIO 305 Biology of Cancer

BIO/CHEM 308 Genetic Engineering Technology

BOT 311 Plants, People and Civilization

BRAE 340 Irrigation Water Management

BRAE 348 Energy for a Sustainable Society

CHEM 314 Biochemistry: Fundamentals and Applications

CHEM 349 Chemical and Biological Warfare

CHEM 369 Biochemical Principles

CM 317 Sustainability and the Built Environment

CSC 320 Practical Computer Security for Everyone

EE 322 Microcontrollers for Everyone

ENVE 323 Engineering for the Environment

ENVE 324 Introduction to Air Pollution

ERSC 335 Soil, Water, and Civilization

ES/WGQS 350/  
HNRS 353 Gender, Race, Culture, Science & Technology (USCP)

FSN 305 Nutrition & Exercise for Health & Disease Prevention

FSN 319 The Science of Food for the Consumer

FSN 340 Fermented Foods

GEOL 305 Seismology and Earth Structure

IME 320 Human Factors and Technology

ISLA 305 Topics in Public Engagements with STEM

ITP 330 Packaging Fundamentals

ITP 341 Packaging Polymers and Processing

LA/NR 317 The World of Spatial Data and Geographic Information Technology

MATE 359 Living in a Material World

MATH 304 Vector Analysis

MATH 344 Linear Analysis II

ME 313 Engineering Principles in Everyday Life

MSCI 330 Technologies for Ocean Discovery

NR 304 Agroecology

NR 310 Global Climate Change

NR 312 Technology of Wildland Fire Management

NR 321 Water Resources Technology and Society

PHYS 305 Classical Mechanics I

PLSC 329 Plants, Biotechnology, and the Media

PSC 307 Nuclear Energy and Weapons in the Modern World

PSC 320 Energy, Society and the Environment

PSC/UNIV/HNRS 392	Appropriate Technology for the World's People: Design
PSY 340	Biopsychology
PSY 344	Behavioral Genetics
SCM 360	Selected Environmental Issues of California's Central Coast
STAT 312	Statistical Methods for Engineers
STAT 313	Applied Experimental Design and Regression Models
STAT 321	Probability and Statistics for Engineers and Scientists
STAT 350	Probability and Random Processes for Engineers
WVIT 300	Survey of Grape Growing and Winemaking

	Standard	High-Unit
High Unit students select 2 courses from B1-B4	X	8

**ARTS AND HUMANITIES (AREA C)**

	Standard	High-Unit
ARTS AND HUMANITIES (AREA C)		
Lower-division courses in Area C must come from three different prefixes	16	16
Arts: Arts, Cinema, Dance, Music, Theatre (C1)	4	4

ARCE 260	History of Structures
ARCH 201	Architecture Design Studio for Non-Majors
ARCH 217	History of World Architecture: Prehistory - Middle Ages
ARCH 218	History of World Architecture: Middle Ages - 18th Century
ARCH 219	History of World Architecture: 18th Century - Present
ART 101	Fundamentals of Drawing
ART 111	Introduction to the Visual Arts
ART 112	Western Art: A Thematic History
ART 122	Introduction to Digital Photography
ART 145	Ceramics I
ART 148	Beginning Sculpture
COMS 208	Performance, Literature, and Culture
DANC 221	Dance Appreciation
ENGL 272	Introductory Topics in Cinematic Expression
LA 211	History of Landscape Architecture: Ancient Civilizations through Colonial America

LA 212	History of Modern and Contemporary Landscape Architecture
MU 101	Introduction to Music Theory
MU 120	Music Appreciation
MU 221	Jazz Styles (USCP)
MU 227	Popular Music of the USA (USCP)
TH 210	Introduction to Theatre
TH 227	Theatre History I
TH 228	Theatre History II
WGQS/HNRS 210	Gender and Sexuality in Visual and Popular Culture

	Standard	High-Unit
Humanities: Literature, Philosophy, Languages other than English (C2)	4	4

ENGL 230	British Literature: Beginnings to 1789
ENGL 231/ HNRS 232	British Literature: 1789 to the Present
ENGL 241	American Literature: Beginnings to 1865
ENGL/HNRS 242	American Literature: 1830 to the Present
ENGL/HNRS 251	Introduction to Classical Literature
ENGL 252	Introduction to Medieval through Enlightenment Literature
ENGL 253	Introduction to Romantic through Modernist Literature
ENGL/LS 255	Children's Literature in a Diverse Society
FR 233	Critical Reading in French Literature
GER 233	Critical Readings in German Literature
PHIL/HNRS 230	Philosophical Classics: Knowledge and Reality
PHIL/HNRS 231	Philosophical Classics: Ethics and Political Philosophy
SPAN 233	Introduction to Hispanic Readings

**Study Abroad C2 courses**

CHIN 141	Elementary Mandarin Chinese I Study Abroad
CHIN 142	Elementary Mandarin Chinese II Study Abroad
CHIN 143	Elementary Mandarin Chinese III Study Abroad
CHIN 241	Intermediate Mandarin Chinese I Study Abroad
CHIN 242	Intermediate Mandarin Chinese II Study Abroad
CHIN 243	Intermediate Mandarin Chinese III Study Abroad
ITAL 141	Elementary Italian I Study Abroad
ITAL 142	Elementary Italian II Study Abroad
ITAL 143	Elementary Italian III Study Abroad

ITAL 241	Intermediate Italian I Study Abroad
SPAN 141	Elementary Spanish I Study Abroad
SPAN 142	Elementary Spanish II Study Abroad
SPAN 143	Elementary Spanish III Study Abroad
SPAN 241	Intermediate Spanish I Study Abroad
SPAN 242	Intermediate Spanish II Study Abroad
SPAN 243	Intermediate Spanish III Study Abroad

	Standard	High-Unit
Lower-Division C Elective 4		4
- Select a course from either C1 or C2.		

	Standard	High-Unit
Upper-Division C	4	4

ARCH 320	Topics in Architectural History
ARCH/ES 326	Native American Architecture and Place (USCP)
ART 311	Art History - Nineteenth Century Art
ART 314	History of Photography
ART 318	Asian Art Topics: National, Religious, and Intellectual Movements
ART 370	Michelangelo
ART 371	Topics in Renaissance Art
COMS 308	Group Performance of Literature
DANC 321	Cultural Influence on Dance in America (USCP)
ENGL 311	Advanced Rhetorical Inquiry and Composing
ENGL 312	Translingual Rhetorical Inquiry and Writing
ENGL 316	Writing Sustainability
ENGL 330	British Literature: Beginnings to 1485
ENGL 331	British Literature: 1485-1660
ENGL/HNRS 332	British Literature: 1660-1798
ENGL/HNRS 333	British Literature: 1798-1832
ENGL 334	British Literature: 1832-1914
ENGL 335	British Literature: 1914-Present
ENGL 339	Introduction to Shakespeare
ENGL 340	American Literature: Beginnings-1865
ENGL/HNRS 341	American Literature: 1865-1914
ENGL/HNRS 342	American Literature: 1914-1956
ENGL/HNRS 343	American Literature: 1956-Present
ENGL/HNRS 345	Women Writers of the Twentieth and Twenty-First Centuries (USCP)
ENGL 346	Ethnic American Literature (USCP)
ENGL/HNRS 347	African American Literature (USCP)
ENGL 348	Asian American Literature (USCP)
ENGL 349	Gender in Twentieth and Twenty-First Century Literature (USCP)
ENGL 350	The Modern Novel
ENGL 351	Modern Poetry
ENGL/HNRS 352	Modern Drama

ENGL 354	The Bible as Literature and in Literature and the Arts
ENGL 370	World Cinema
ENGL 371	Film Styles and Genres
ENGL 372	Film Directors
ENGL 373	Topics on Gender Representations in Film
ENGL 374	Disability and Diversity in American Film (USCP)
ENGL/HNRS 380	Literary Themes
ENGL 381	Diversity in Twentieth and Twenty-First Century American Literature (USCP)
ENGL 382	LGBT Literature and Media (USCP)
ENGL 386	Creative Nonfiction
ENGL 387	Fiction Writing
ENGL 388	Poetry Writing
ES 300	Chicano/a Non-Fiction Literature (USCP)
ES 301	Latina/o Literature of the United States (USCP)
ES 302	Chicana/o Literature (USCP)
ES 303	Latina/o Poetry and Politics (USCP)
ES 324	Chicana/o Film (USCP)
ES 340	Cultural Production and Ethnicity
ES/NR 360	Ethnicity and the Land (USCP)
FR 305	Significant Works in French
FR 350	French Literature in English Translation
GER 305	Significant Works in German
GER 350	German Literature in English Translation
ISLA 303/ HNRS 304	Values and Technology
ISLA/HNRS 320	Topics and Issues in Values, Media and Culture
ISLA/WGQS 335	Feminist Studies of Popular Culture and Whiteness
MU 324	Music and Society
MU 328	Women in Music (USCP)
PHIL 301	Philosophical Topics
PHIL 309	Early Greek Philosophy through Plato
PHIL 310	Aristotle and Hellenistic Philosophy
PHIL 312	Medieval Philosophy
PHIL 313	Early Modern Rationalism
PHIL 314	Early Modern Empiricism
PHIL 315	Kant and 19th Century European Philosophy
PHIL 317	History of Analytic Philosophy
PHIL 318	Phenomenology
PHIL 319	Existentialism
PHIL 321	Philosophy of Science
PHIL 322	Philosophy of Technology

PHIL 323/ HNRS 325	Ethics, Science and Technology
PHIL 327	Robot Ethics
PHIL 328	Technologies and Ethics of Warfare
PHIL 331	Ethics
PHIL 332	History of Ethics
PHIL 333	Political Philosophy
PHIL 334	Philosophy of Law
PHIL 335/ HNRS 336	Social Ethics (USCP)
PHIL/WGQS 336	Feminist Ethics, Gender, Sexuality and Society (USCP)
PHIL 337	Business Ethics
PHIL 339	Biomedical Ethics
PHIL 340	Environmental Ethics
PHIL 341	Professional Ethics
PHIL 342	Philosophy of Religion
PHIL 343	Power, Alienation, and Political Life
PHIL 350	Aesthetics
PHIL 351	Philosophy of Literature
PHIL 361	Indian Philosophy
PHIL 362	Chinese and East Asian Philosophy
PHIL 369	Postmodernism
RELS 301	Religions of Asia
RELS 302	Abrahamic Religions: Judaism, Christianity, and Islam
RELS 304	Judaism
RELS 306	Hinduism
RELS 307	Buddhism
RELS 310	Christianity
RELS 311	Islam
RELS/WGQS 370	Religion, Gender, and Society (USCP)
RELS 372	Spiritual Extremism: Asceticism, Mysticism, and Madness
RELS 374	Religion and Violence
RELS 378	Religion and Contemporary Values
RELS 390	Topics in Religious Studies
SPAN 305	Significant Works in Spanish
SPAN 307	Spanish and Latin American Film
SPAN 340	Chicano/a Authors (USCP)
SPAN 350	Hispanic Literature in English Translation
SPAN 351	Chicano/Latino Writers in the United States (USCP)
TH 305	Topics in Diversity on the American Stage (USCP)
TH 390	Global Theatre and Performance
WLC 307	World Cultures through Film
WLC 310	Humanities in World Cultures
WLC 312	Humanities in Chicano/a Culture (USCP)
WLC 350	Literatures in World Cultures

**SOCIAL SCIENCES (AREA D)**

	Standard	High-Unit
SOCIAL SCIENCES (Area D)	12	8
<b>Standard: Select courses in Area D from at least two different prefixes</b>		
American Institutions (D1 - Title 5, Section 40404 Requirement)	4	4
ES/HNRS 112	Race, Culture, and Politics in the United States (USCP)	
HIST 201/ HNRS 203	United States History to 1865 (USCP)	
HIST/HNRS 202	United States History Since 1865 (USCP)	
HIST 206	United States Cultures (USCP)	
POLS 112	American and California Government	
WGQS 201/ HNRS 204	Gender and Sexuality in US Society and Politics (USCP)	

	Standard	High-Unit
Lower-Division (D2)	4	X
ANT 201	Cultural Anthropology	
ANT 202	World History Before Writing	
ECON/HNRS 201	Survey of Economics	
ECON 222	Macroeconomics	
GEOG 150	Human Geography	
HIST 210	World History to 1800	
HIST/HNRS 213	Modern Political Economy	
HIST/HNRS 216	Comparative Social Movements	
HIST 221	World History, Beginnings to 1000 CE	
HIST 222	World History, 1000-1800	
HIST/HNRS 223	World History, 1800 - Present	
HIST 225	The World at War	
HNRS 161	Creating Sustainable Communities I (2)	
HNRS 162	Creating Sustainable Communities II (2)	
HNRS 164	Sustainability and Communities	
JOUR 228	Media, Self and Society	
RELS 201	Religion, Dialogue, and Society	
RPTA 201	Sociocultural Dimensions of Work and Leisure	
SOC 110	Comparative Societies	
SOC 218	International Political Economy	

	Standard	High-Unit
Upper-Division D	4	X
Area D Elective		

<b>High-Unit: Select either a lower-division D2 or an upper-division D course</b>	X	4	HIST 310/ HNRS 312	East Asian Culture and Civilization
<b>Upper-Division D</b>			HIST 311	Comparative World Environmental History & Sustainability Since 1492
ANT 330	Indigenous South Americans		HIST 313	Modern Middle East
ANT 344	Sex, Death, and Human Nature		HIST 316	Modern East Asia
ANT 345	Human Behavioral Ecology		HIST/HNRS 317	The Lure of the Sea
ANT 360	Human Cultural Adaptations		HIST 318	The City in the Modern World
BRAE/NR 349	Water for a Sustainable Society		HIST 319	Modern South and Southeast Asia
BUS 311	Managing Technology in the International Legal Environment		HIST 320	Colonial and Revolutionary America
CM 318	Housing and Communities		HIST 321	Civil War America
COMS 316	Intercultural Communication (USCP)		HIST 322/ HNRS 323	Modern America
COMS 320	Intergroup Communication		HIST 326	United States Foreign Relations since 1898
COMS 384	Media Effects		HIST/HNRS 334	Modern Europe, 1789-1914
COMS 386	Communication, Media, and Politics		HIST/HNRS 335	Modern Europe, 1914-Present
CRP 303	Digital Cities		HIST 336	Britain at War: The British, the Americans and the Struggle for Freedom, 1939-1945
CRP 325	Reflections on Biking, Walking and the City		HIST 337	Colonial Latin America
CRP 334	Cities in a Global World		HIST 338	Modern Latin America
ECON/HNRS 303	Economics of Poverty, Discrimination and Immigration (USCP)		HIST/HNRS 350	The Scientific Revolution, c. 1500-1800
ECON 304	Comparative Economic Systems		ISLA 316	London: From Roman Colony to World Capital
ES/NR 308	Fire and Society		KINE 323	Sport and Gender (USCP)
ES 310	Hip-Hop, Poetics and Politics (USCP)		KINE 324	Sports, Media and American Popular Culture (USCP)
ES 320	African Americans in Popular Culture (USCP)		LS 350	Identity and Equity in American Schools (USCP)
ES 321	Native Americans in Popular Culture (USCP)		NR 308	Fire and Society
ES 322	Asian Americans in Popular Culture (USCP)		NR 323	Human Dimensions in Natural Resources Management
ES 323	Latina/os in Popular Culture (USCP)		NR 324	Social Dimensions of Sustainable Food and Fiber Systems
ES 330	The Chinese American Experience (USCP)		NR/RPTA 328	Environmental Leadership and Community Engagement
ES 335	The Filipina/o American Experience (USCP)		POLS 325	Global Political Issues
ES/WGQS 345	Queer Ethnic Studies (USCP)		POLS 337	U.S. and China in the Contemporary World
ES/WGQS 351	Gender, Race, Class, Nation in Global Engineering, Technology & International Development		POLS/HNRS 338	Critical Issues in American Politics
ES 380	Critical Race Theory (USCP)		POLS 339	Authoritarian and Democratic Rule
ES 381	The Social Construction of Whiteness (USCP)		POLS 348	Early American Political Thought
GEOG 308	Global Geography		POLS 349	Contemporary American Political Thought
GEOG 370	Geography of Latin America		PSC/UNIV/HNRS 391	Appropriate Technology for the World's People: Development
GEOG 380	Geography of the Caribbean		PSY 304	Intergroup Dialogues
HIST 306	The Witch-Hunts in Europe, 1400-1800		PSY 311	Environmental Psychology
HIST 307	European Thought 1800-2000		PSY 318	Psychology of Aging
HIST/HNRS 308	The Trans-Atlantic Slave Trade		PSY 352	Conflict Resolution: Violent and Nonviolent
HIST 309	Cultures of West Africa and the African Diaspora		RELS 344	Approaches to Religion and Spirituality

SOC 315	Global Race and Ethnic Relations
SOC 321	Migration (USCP)
SOC 326	Sociology of the Life Cycle
SOC 327	Social Change (USCP)
SOC 343	Contemporary Societies of the Developing World
SOC 377	Sociology of Religion
WGQS 301	Contemporary Issues in Women's and Gender Studies (USCP)
WGQS 302	Contemporary Issues in Queer Studies (USCP)
WGQS 320	Women, Gender and Sexuality in Global Perspective
WGQS 325	Masculinity Studies
WGQS/HNRS 340	Sexuality Studies
WLC 315	Critical Issues in Latin American Studies
WLC 370	Language, Technology and Society

**LIFELONG LEARNING AND SELF-DEVELOPMENT (AREA E)**

	Standard	High-Unit
Lower-Division E	4	4
COMS 211	Interpersonal Communication	
DANC 210	Active Wellness	
EDES 123	Principles of Environmental Design	
FSN 250	Food and Nutrition: Culture and Customs (USCP)	
HLTH 250	Healthy Living	
HLTH 255	Personal Health: A Multicultural Approach (USCP)	
HLTH 260	Women's Health Issues (USCP)	
PSY 201	General Psychology	
PSY 202	General Psychology	
RPTA 255	Leadership and Diverse Groups	

**ETHNIC STUDIES (AREA F)**

	Standard	High-Unit
Ethnic Studies (F)	4	4
Area F is fulfilled with one class, typically taken at the lower division level		
ES/HNRS 252	Global Origins of Race in the U.S.	
ES 253	Introduction to American Indian Studies	
ES 254	Introduction to African American Studies	
ES 255	Introduction to Latino/a/x Studies	
ES 256	Introduction to Asian American Studies	
ES 304	Race & American Literature	
ES 312	Race & Media Studies	
ES 382	Racial Capitalism	

	Standard	High-Unit
GE ELECTIVES (AREAS B, C, and D)		
Select any Area B, C, or D course listed above; courses must be from two different areas; may be either lower-division or upper-division. In addition to the courses listed above, the following courses can be used in fulfillment of the GE Electives.	8	X

**Area C Electives**

CHIN 201	Intermediate Mandarin Chinese I
CHIN 202	Intermediate Mandarin Chinese II
CHIN 203	Intermediate Mandarin Chinese III
FR 201	Intermediate French I
FR 202	Intermediate French II
FR 203	Intermediate French III
GER 201	Intermediate German I
GER 202	Intermediate German II
GER 203	Intermediate German III
ITAL 201	Intermediate Italian I
JPNS 201	Intermediate Japanese I
SPAN 201	Intermediate Spanish I
SPAN 202	Intermediate Spanish II
SPAN 203	Intermediate Spanish III

**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**

CHEM 356	Physical Chemistry Laboratory
ENGL 310	Corporate Communication
ENGL 311	Advanced Rhetorical Inquiry and Composing
ENGL 312	Translingual Rhetorical Inquiry and Writing
ENGL 317	Technical Editing
ENGL 330	British Literature: Beginnings to 1485
ENGL 331	British Literature: 1485-1660
ENGL/HNRS 332	British Literature: 1660-1798

ENGL/HNRS 333	British Literature: 1798-1832
ENGL 334	British Literature: 1832-1914
ENGL 335	British Literature: 1914-Present
ENGL 339	Introduction to Shakespeare
ENGL 340	American Literature: Beginnings-1865
ENGL/HNRS 341	American Literature: 1865-1914
ENGL/HNRS 342	American Literature: 1914-1956
ENGL/HNRS 343	American Literature: 1956-Present
ENGL/HNRS 345	Women Writers of the Twentieth and Twenty-First Centuries
ENGL 346	Ethnic American Literature
ENGL/HNRS 347	African American Literature
ENGL 348	Asian American Literature
ENGL 349	Gender in Twentieth and Twenty-First Century Literature
ENGL 350	The Modern Novel
ENGL 351	Modern Poetry
ENGL/HNRS 352	Modern Drama
ENGL 354	The Bible as Literature and in Literature and the Arts
ENGL 370	World Cinema
ENGL 371	Film Styles and Genres
ENGL 372	Film Directors
ENGL 373	Topics on Gender Representations in Film
ENGL 374	Disability and Diversity in American Film
ENGL/HNRS 380	Literary Themes
ENGL 381	Diversity in Twentieth and Twenty-First Century American Literature
ENGL 382	LGBT Literature and Media
MATE 300	Materials Selection for the Life Cycle
UNIV 401	Graduation Writing Requirement Portfolio

## 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/](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.

The following courses fulfill the United States Cultural Pluralism requirement.

ANT 415	Native American Cultures	4
ARCH/ES 326	Native American Architecture and Place (Upper-Division C) <sup>1</sup>	4
ART/WGQS 375	Intersectional Feminist Art Histories	4
COMS 316	Intercultural Communication (Upper-Division D) <sup>1</sup>	4
CRP/ES 215	Planning for and with Multiple Publics	4
DANC 321	Cultural Influence on Dance in America (Upper-Division C) <sup>1</sup>	4
ECON/HNRS 303	Economics of Poverty, Discrimination and Immigration (Upper-Division D) <sup>1</sup>	4
ENGL/HNRS 345	Women Writers of the Twentieth and Twenty-First Centuries (Upper-Division C) <sup>1</sup>	4
ENGL 346	Ethnic American Literature (Upper-Division C) <sup>1</sup>	4
ENGL/HNRS 347	African American Literature (Upper-Division C) <sup>1</sup>	4
ENGL 348	Asian American Literature (Upper-Division C) <sup>1</sup>	4
ENGL 349	Gender in Twentieth and Twenty-First Century Literature (Upper-Division C) <sup>1</sup>	4
ENGL 374	Disability and Diversity in American Film (Upper-Division C) <sup>1</sup>	4
ENGL 381	Diversity in Twentieth and Twenty-First Century American Literature (Upper-Division C) <sup>1</sup>	4
ENGL 382	LGBT Literature and Media (Upper-Division C) <sup>1</sup>	4
ES/HNRS 112	Race, Culture, and Politics in the United States (D1) <sup>1</sup>	4
ES 114	Introduction to Ethnic Studies	4
ES 300	Chicano/a Non-Fiction Literature (Upper-Division C) <sup>1</sup>	4
ES 301	Latina/o Literature of the United States (Upper-Division C) <sup>1</sup>	4



ES 302	Chicana/o Literature (Upper-Division C) <sup>1</sup>	4	PHIL/WGQS 336	Feminist Ethics, Gender, Sexuality and Society (Upper-Division C) <sup>1</sup>	4
ES 303	Latina/o Poetry and Politics (Upper-Division C) <sup>1</sup>	4	POLS 310	The Politics of Race, Class, Gender and Sexuality	4
ES 310	Hip-Hop, Poetics and Politics (Upper-Division D) <sup>1</sup>	4	POLS 343	Civil Rights in America	4
ES 320	African Americans in Popular Culture (Upper-Division D) <sup>1</sup>	4	POLS 445	Voting Rights and Representation	4
ES 321	Native Americans in Popular Culture (Upper-Division D) <sup>1</sup>	4	PSY 260	African American Psychology	4
ES 322	Asian Americans in Popular Culture (Upper-Division D) <sup>1</sup>	4	PSY 372	Multicultural Psychology	4
ES 323	Latina/os in Popular Culture (Upper-Division D) <sup>1</sup>	4	PSY 475	The Social Psychology of Prejudice	4
ES 324	Chicana/o Film (Upper-Division C) <sup>1</sup>	4	RELS/WGQS 370	Religion, Gender, and Society (Upper-Division C) <sup>1</sup>	4
ES 325	African American Gender & Sexuality	4	SOC 216	US Race and Ethnic Relations	4
ES 330	The Chinese American Experience (Upper-Division D) <sup>1</sup>	4	SOC 321	Migration (Upper-Division D) <sup>1</sup>	4
ES 335	The Filipina/o American Experience (Upper-Division D) <sup>1</sup>	4	SOC 327	Social Change (Upper-Division D) <sup>1</sup>	4
ES/WGQS 345	Queer Ethnic Studies (Upper-Division D) <sup>1</sup>	4	SOC/WGQS 423	Gender and Work	4
ES/WGQS 350/ HNRS 353	Gender, Race, Culture, Science & Technology (Upper-Division B) <sup>1</sup>	4	SPAN 111	Elementary Hispanic Language and Culture	4
ES/NR 360	Ethnicity and the Land (Upper-Division C) <sup>1</sup>	4	SPAN 206	Spanish for Heritage Speakers	4
ES 380	Critical Race Theory (Upper-Division D) <sup>1</sup>	4	SPAN 340	Chicano/a Authors (Upper-Division C) <sup>1</sup>	4
ES 381	The Social Construction of Whiteness (Upper-Division D) <sup>1</sup>	4	SPAN 351	Chicano/Latino Writers in the United States (Upper-Division C) <sup>1</sup>	4
FSN 250	Food and Nutrition: Culture and Customs (E) <sup>1</sup>	4	TH 305	Topics in Diversity on the American Stage (Upper-Division C) <sup>1</sup>	4
HIST 201/HNRS 203	United States History to 1865 (D1) <sup>1</sup>	4	WGQS 201/ HNRS 204	Gender and Sexuality in US Society and Politics (D1) <sup>1</sup>	4
HIST/HNRS 202	United States History Since 1865 (D1) <sup>1</sup>	4	WGQS 301	Contemporary Issues in Women's and Gender Studies (Upper-Division D) <sup>1</sup>	4
HIST 206	United States Cultures (D1) <sup>1</sup>	4	WGQS 302	Contemporary Issues in Queer Studies (Upper-Division D) <sup>1</sup>	4
HIST 208	Survey of California History	4	WGQS 450	Feminist Theory	4
HIST 406	African-American History from 1865	4	WLC 312	Humanities in Chicano/a Culture (Upper-Division C) <sup>1</sup>	4
HIST/WGQS 435	American Women's History from 1870	4			
HLTH 255	Personal Health: A Multicultural Approach (E) <sup>1</sup>	4			
HLTH 260	Women's Health Issues (E) <sup>1</sup>	4			
JOUR 219	Multicultural Society and the Mass Media	4			
KINE 323	Sport and Gender (Upper-Division D) <sup>1</sup>	4			
KINE 324	Sports, Media and American Popular Culture (Upper-Division D) <sup>1</sup>	4			
LS 350	Identity and Equity in American Schools (Upper-Division D) <sup>1</sup>	4			
MU 221	Jazz Styles (C1) <sup>1</sup>	4			
MU 227	Popular Music of the USA (C1) <sup>1</sup>	4			
MU 325	America's Music	4			
MU 328	Women in Music (Upper-Division C) <sup>1</sup>	4			
PHIL 335/HNRS 336	Social Ethics (Upper-Division C) <sup>1</sup>	4			

<sup>1</sup> Course also satisfies GE requirement

Sustainability Focused Courses (p. 9)

Sustainability Related Courses (p. 11)

## 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/](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](mailto:suscat@calpoly.edu).

AG/PLSC 315	Principles of Organic Crop Production	4	HIST 311	Comparative World Environmental History & Sustainability Since 1492	4
AG/ISLA/SCM/UNIV 330	Cal Poly Land: Nature, Technology, and Society	4	HIST 432	United States Environmental History	4
AG/EDES/ENGR/ GEOG/ISLA/SCM/ UNIV 350	The Global Environment	4	HNRS 161	Creating Sustainable Communities I	2
AG/ASCI 360	Holistic Management	4	HNRS 162	Creating Sustainable Communities II	2
ARCE/CE 475	Civil Infrastructure and Building Systems	4	HNRS 163	Creating Sustainable Communities III	2
ARCH 207	Architectural Technology Fundamentals 2.3	4	ITP 330	Packaging Fundamentals	4
ARCH 253	Architectural Design 2.3	5	ITP 411	Packaging Sustainability	4
ARCH 307	Architectural Systems Integration 3.2	4	LA 204	Design Fundamentals III	4
ARCH 451	Architectural Design 4.1	5	LA 220	Landscape Ecology: Concepts, Issues, and Interrelationships	4
ARCH 452	Architectural Design 4.2	5	LA 243	Materials and Techniques of Landscape Construction	4
ARCH 453	Architectural Design 4.3	5	LA 403	Natural Environments Design Focus Studio	4
ARCH 472	Housing Design Concepts	3-4	LA 432	Landscape Ecology Applications (ILC)	4
BIO 227	Wildlife Conservation Biology	4	LA 521	Ecological Urban Design	4
BIO 363	Principles of Conservation Biology	4	MATE 222	Materials Selection Life Cycle	4
BIO 434	Environmental Physiology	4	MATE 232	Materials, Ethics, and Society	4
BIO 446	Ecosystem Ecology	4	MATE 485	Materials and the Environment	4
BOT 311	Plants, People and Civilization	4	ME 453	Trends and Opportunities in HVAC&R	1
BRAE 348	Energy for a Sustainable Society	4	ME 454	Benchmarking and Assessment of Building Energy Performance	4
CE 527	Sustainable Mobility	4	ME 455	Introduction to Building Energy Modeling	3
CM 317	Sustainability and the Built Environment	4	ME 488	Wind Energy Engineering	4
CM 425	Sustainability and Environment	1-6	MSCI 111	Survey of Marine Biology	4
COMS 390	Environmental Communication	4	MSCI 428	Marine Conservation and Policy	4
CRP 202	Urban Design Studio I	4	MSCI 439	Fisheries Science and Resource Management	4
CRP 336	Introduction to Environmental Planning	4	PLSC 245	Horticultural Production Techniques	4
CRP 412	Plan Implementation	4	PLSC 450	Current Issues in the Strawberry Industry	2
CRP 440	Climate Action Planning	4	NR 141	Introduction to Forest Ecosystem Management	3
CRP 445	Planning and Urban Ecology	4	NR 142	Environmental Management	3
CRP 504	Sustainable Communities	4	NR 305	Forest Ecology and Silvics	4
CRP 545	Principles of Environmental Planning	4	NR 321	Water Resources Technology and Society	4
ECON 431	Environmental Economics	4	NR 323	Human Dimensions in Natural Resources Management	4
ECON 432	Economics of Energy and Resources	4	NR 324	Social Dimensions of Sustainable Food and Fiber Systems	4
EDES 406	Sustainable Environments	4	NR 326	Natural Resources Economics and Valuation	4
EDES 408	Implementing Sustainable Principles	4	NR/RPTA 328	Environmental Leadership and Community Engagement	4
EDES 410	Advanced Implementation of Sustainable Principles	4	NR 365	Silviculture and Fuels Management	4
EE 420	Sustainable Electric Energy Conversion	4	NR 445	Systems Thinking in Environmental Management	4
EE 520	Advanced Solar-Photovoltaic Systems Design	4	NR 465	Senior Project - Ecosystem Management	4
ENVE 450	Industrial Pollution Prevention	4	NR 474	Forest Stewardship Practices	8
ERSC/GEOG 325	Climate and Humanity	4	PHIL 340	Environmental Ethics	4
ERSC/GEOG 333	Human Impact on the Earth	4	PHYS 310	Physics of Energy	3
GEOG 408	Geography of International Development	4			
GSE 532	Environmental and Natural Resource Economics	4			

PHYS 314	Ocean Dynamics	3
POLS 332	World Food Systems	4
PSC 201	Physical Oceanography	4
PSC 320	Energy, Society and the Environment	4
PSC/UNIV/HNRS 391	Appropriate Technology for the World's People: Development	4
PSC/UNIV/HNRS 392	Appropriate Technology for the World's People: Design	4
PSY 311	Environmental Psychology	4
RPTA 313	Sustainability in the Experience Industry	4
RPTA 314	Sustainable Travel and Tourism Planning	4
SCM 360	Selected Environmental Issues of California's Central Coast	4
SOC 308	Sociology of the Environment	4
SOC/WGQS 423	Gender and Work	4
SS 120	Introductory Soil Science	4
SS 130	Soils in Environmental and Agricultural Systems	4

## 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/](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](mailto:suscat@calpoly.edu).

ANT 345	Human Behavioral Ecology	4
ANT 402	Nutritional Anthropology	4
ARCE 106	Introduction to Building Systems	2
ARCH 101	Survey of Architectural Education and Practice	1
ARCH 241	Architectural Technology Fundamentals 2.1	4
ARCH 251	Architectural Design 2.1	5
ARCH 252	Architectural Design 2.2	5
ARCH 341	Architectural Systems Integration 3.1	4
ARCH 342	Architectural Systems Integration 3.3	4
ARCH 351	Architectural Design 3.1	5
ARCH 352	Architectural Design 3.2	5
ARCH 353	Architectural Design 3.3	5
ASCI 112	Principles of Animal Science	4

ASCI 239	Principles of Rangeland Management	4
ASCI 372	California Rangeland & Ranch Resource Management	3
ASCI 465	Applied Practices for Monitoring California Rangelands	4
BMED/BRAE 213	Bioengineering Fundamentals	2
CE 321	Fundamentals of Transportation Engineering	3
CE 336	Water Resources Engineering	4
CE 424	Public Transportation	4
CE 523	Transportation Systems Planning	4
CM 318	Housing and Communities	4
COMS 395	Science Communication	4
CRP 212	Introduction to Urban Planning	4
CRP 342	Environmental Planning Methods	4
CRP/NR 404	Environmental Law	4
CRP 410	Community Planning Laboratory I	4
CRP 411	Community Planning Lab II	4
CRP 442	Housing and Planning	4
CRP 458	Hazard Mitigation Planning & Resilient Design	4
CRP 518	Policy Development	4
EDES 123	Principles of Environmental Design	4
EDUC 512	Education Organization and Management	4
EE 413	Advanced Electronic Design	4
EE 460	Senior Project Preparation	2
ENVE 325	Air Quality Engineering	4
ENVE 331	Fundamentals of Environmental Engineering	4
ENVE 436	Introduction to Hazardous Waste Management	4
ENVE 490	Environmental Nanotechnology	4
ERSC/GEOG 250	Physical Geography	4
ERSC/GEOG 414	Global and Regional Climatology	4
ERSC 443	Applied Environmental Contaminant Transport	4
FNS 250	Food and Nutrition: Culture and Customs	4
GEOG 150	Human Geography	4
GRC 437	Advanced Consumer Packaging	4
ITP 341	Packaging Polymers and Processing	4
ITP 415	Supply Chain and Logistics	4
LA 330	Cultural Landscapes: People, Places and Ethical Decisions	4
LA 520	Design with Cultural Landscapes	4
MATE 110	Introduction to Materials Engineering Design I	1
MATE 120	Introduction to Materials Engineering Design II	1
MATE 130	Introduction to Materials Engineering Design III	1
MATE 300	Materials Selection for the Life Cycle	4
MATE 359	Living in a Material World	4

ME 415	Energy Conversion	4	College of Liberal Arts (CLA) ( <a href="https://catalog.calpoly.edu/coursesaz/cla/">https://catalog.calpoly.edu/coursesaz/cla/</a> )
ME 450	Solar Thermal Power Systems	4	Communication Studies (COMS) ( <a href="https://catalog.calpoly.edu/coursesaz/coms/">https://catalog.calpoly.edu/coursesaz/coms/</a> )
NR 306	Natural Resource Ecology and Habitat Management	4	Computer Engineering (CPE) ( <a href="https://catalog.calpoly.edu/coursesaz/cpe/">https://catalog.calpoly.edu/coursesaz/cpe/</a> )
NR 312	Technology of Wildland Fire Management	4	Computer Science (CSC) ( <a href="https://catalog.calpoly.edu/coursesaz/csc/">https://catalog.calpoly.edu/coursesaz/csc/</a> )
NR 413	Agricultural Law	4	Construction Management (CM) ( <a href="https://catalog.calpoly.edu/coursesaz/cm/">https://catalog.calpoly.edu/coursesaz/cm/</a> )
NR 416	Environmental Impact Analysis and Management	4	<b>D</b>
NR 422	Stream Measurements and Water Quality Monitoring	1	Dairy Science (DSCI) ( <a href="https://catalog.calpoly.edu/coursesaz/dsci/">https://catalog.calpoly.edu/coursesaz/dsci/</a> )
NR 425	Applied Resource Analysis and Assessment	4	Dance (DANC) ( <a href="https://catalog.calpoly.edu/coursesaz/danc/">https://catalog.calpoly.edu/coursesaz/danc/</a> )
PLSC 205	Orchard and Vegetable Enterprise Project	2	Data Science (DATA) ( <a href="https://catalog.calpoly.edu/coursesaz/data/">https://catalog.calpoly.edu/coursesaz/data/</a> )
PLSC 334	Greenhouse Vegetable Enterprise Project	2	<b>E</b>
PLSC 420	Organic Crop Production Systems	4	Early Start English (ESE) ( <a href="https://catalog.calpoly.edu/coursesaz/ese/">https://catalog.calpoly.edu/coursesaz/ese/</a> )
PSY 360	Applied Social Psychology	4	Early Start Math (ESM) ( <a href="https://catalog.calpoly.edu/coursesaz/esm/">https://catalog.calpoly.edu/coursesaz/esm/</a> )
RPTA 302	Environmental and Wilderness Education	4	Earth Science (ERSC) ( <a href="https://catalog.calpoly.edu/coursesaz/ersc/">https://catalog.calpoly.edu/coursesaz/ersc/</a> )
SOC 343	Contemporary Societies of the Developing World	4	Economics (ECON) ( <a href="https://catalog.calpoly.edu/coursesaz/econ/">https://catalog.calpoly.edu/coursesaz/econ/</a> )
			Education (EDUC) ( <a href="https://catalog.calpoly.edu/coursesaz/educ/">https://catalog.calpoly.edu/coursesaz/educ/</a> )
			Electrical Engineering (EE) ( <a href="https://catalog.calpoly.edu/coursesaz/ee/">https://catalog.calpoly.edu/coursesaz/ee/</a> )
			Engineering (ENGR) ( <a href="https://catalog.calpoly.edu/coursesaz/engr/">https://catalog.calpoly.edu/coursesaz/engr/</a> )
			English (ENGL) ( <a href="https://catalog.calpoly.edu/coursesaz/engl/">https://catalog.calpoly.edu/coursesaz/engl/</a> )
			Environmental Design (EDES) ( <a href="https://catalog.calpoly.edu/coursesaz/edes/">https://catalog.calpoly.edu/coursesaz/edes/</a> )
			Environmental Engineering (ENVE) ( <a href="https://catalog.calpoly.edu/coursesaz/enve/">https://catalog.calpoly.edu/coursesaz/enve/</a> )
			Environmental Sciences (ESCI) ( <a href="https://catalog.calpoly.edu/coursesaz/esci/">https://catalog.calpoly.edu/coursesaz/esci/</a> )
			Ethnic Studies (ES) ( <a href="https://catalog.calpoly.edu/coursesaz/es/">https://catalog.calpoly.edu/coursesaz/es/</a> )

**A**

Aerospace Engineering (AERO) (<https://catalog.calpoly.edu/coursesaz/aero/>)

Agribusiness (AGB) (<https://catalog.calpoly.edu/coursesaz/agb/>)

Agricultural Communication (AGC) (<https://catalog.calpoly.edu/coursesaz/agc/>)

Agricultural Education (AGED) (<https://catalog.calpoly.edu/coursesaz/aged/>)

Agriculture (AG) (<https://catalog.calpoly.edu/coursesaz/ag/>)

Animal Science (ASCI) (<https://catalog.calpoly.edu/coursesaz/asci/>)

Anthropology (ANT) (<https://catalog.calpoly.edu/coursesaz/ant/>)

Architectural Engineering (ARCE) (<https://catalog.calpoly.edu/coursesaz/arce/>)

Architecture (ARCH) (<https://catalog.calpoly.edu/coursesaz/arch/>)

Art (ART) (<https://catalog.calpoly.edu/coursesaz/art/>)

Astronomy and Astrophysics (ASTR) (<https://catalog.calpoly.edu/coursesaz/astr/>)

**B**

Biology (BIO) (<https://catalog.calpoly.edu/coursesaz/bio/>)

Biomedical Engineering (BMED) (<https://catalog.calpoly.edu/coursesaz/bmed/>)

BioResource and Agricultural Engineering (BRAE) (<https://catalog.calpoly.edu/coursesaz/brae/>)

Botany (BOT) (<https://catalog.calpoly.edu/coursesaz/bot/>)

Business (BUS) (<https://catalog.calpoly.edu/coursesaz/bus/>)

**C**

Chemistry (CHEM) (<https://catalog.calpoly.edu/coursesaz/chem/>)

Child Development (CD) (<https://catalog.calpoly.edu/coursesaz/cd/>)

Chinese (CHIN) (<https://catalog.calpoly.edu/coursesaz/chin/>)

City and Regional Planning (CRP) (<https://catalog.calpoly.edu/coursesaz/crp/>)

Civil Engineering (CE) (<https://catalog.calpoly.edu/coursesaz/ce/>)

**H**

Health (HLTH) (<https://catalog.calpoly.edu/coursesaz/hlth/>)

History (HIST) (<https://catalog.calpoly.edu/coursesaz/hist/>)

Honors Contract (HNRC) (<https://catalog.calpoly.edu/coursesaz/hnrc/>)

Honors (HNRS) (<https://catalog.calpoly.edu/coursesaz/hnrs/>)

**I**

Industrial and Manufacturing Engineering (IME) (<https://catalog.calpoly.edu/coursesaz/ime/>)

Industrial Technology and Packaging (ITP) (<https://catalog.calpoly.edu/coursesaz/itp/>)

Interdisciplinary Studies in Liberal Arts (ISLA) (<https://catalog.calpoly.edu/coursesaz/isla/>)

Italian (ITAL) (<https://catalog.calpoly.edu/coursesaz/ital/>)

**J**

Japanese (JPNS) (<https://catalog.calpoly.edu/coursesaz/jpns/>)

Journalism (JOUR) (<https://catalog.calpoly.edu/coursesaz/jour/>)

**K**

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

**L**

Landscape Architecture (LA) (<https://catalog.calpoly.edu/coursesaz/la/>)

Liberal Arts and Engineering Studies (LAES) (<https://catalog.calpoly.edu/coursesaz/laes/>)

Liberal Studies (LS) (<https://catalog.calpoly.edu/coursesaz/ls/>)

**M**

Marine Science (MSCI) (<https://catalog.calpoly.edu/coursesaz/msci/>)

Materials Engineering (MATE) (<https://catalog.calpoly.edu/coursesaz/mate/>)

Mathematics (MATH) (<https://catalog.calpoly.edu/coursesaz/math/>)

Mechanical Engineering (ME) (<https://catalog.calpoly.edu/coursesaz/me/>)

Microbiology (MCRO) (<https://catalog.calpoly.edu/coursesaz/mcro/>)

Military Science Leadership (MSL) (<https://catalog.calpoly.edu/coursesaz/msl/>)

Music (MU) (<https://catalog.calpoly.edu/coursesaz/mu/>)

**N**

Natural Resources (NR) (<https://catalog.calpoly.edu/coursesaz/nr/>)

**P**

Philosophy (PHIL) (<https://catalog.calpoly.edu/coursesaz/phil/>)

Physical Education: Men (PEM) (<https://catalog.calpoly.edu/coursesaz/pem/>)

Physical Education: Women (PEW) (<https://catalog.calpoly.edu/coursesaz/pew/>)

Physical Science (PSC) (<https://catalog.calpoly.edu/coursesaz/psc/>)

Physics (PHYS) (<https://catalog.calpoly.edu/coursesaz/phys/>)

Plant Sciences (PLSC) (<https://catalog.calpoly.edu/coursesaz/plsc/>)

Political Science (POLS) (<https://catalog.calpoly.edu/coursesaz/pols/>)

Psychology (PSY) (<https://catalog.calpoly.edu/coursesaz/psy/>)

**R**

Recreation, Parks and Tourism Administration (RPTA) (<https://catalog.calpoly.edu/coursesaz/rpta/>)

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

**S**

Science and Mathematics (SCM) (<https://catalog.calpoly.edu/coursesaz/scm/>)

Sociology (SOC) (<https://catalog.calpoly.edu/coursesaz/soc/>)

Soil Science (SS) (<https://catalog.calpoly.edu/coursesaz/ss/>)

Spanish (SPAN) (<https://catalog.calpoly.edu/coursesaz/span/>)

Special Education (SPED) (<https://catalog.calpoly.edu/coursesaz/sped/>)

Statistics (STAT) (<https://catalog.calpoly.edu/coursesaz/stat/>)

**T**

Theatre (TH) (<https://catalog.calpoly.edu/coursesaz/th/>)

**U**

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

**W**

Wine and Viticulture (WVIT) (<https://catalog.calpoly.edu/coursesaz/wvit/>)

Women's, Gender and Queer Studies (WGQS) (<https://catalog.calpoly.edu/coursesaz/wgqs/>)

World Languages and Cultures (WLC) (<https://catalog.calpoly.edu/coursesaz/wlc/>)