

GENERAL EDUCATION

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California State University, Chico's innovative and nationally recognized General Education (GE) program organizes courses into thematic pathways and allows the opportunity to earn an interdisciplinary minor that will enhance the resume of students in any major.

GE courses don't prepare you for a specific job; they prepare you for any job, by teaching you how to think critically, how to write effectively, how to problem solve, and how to build just societies and restore a sustainable planet.

GE Minors

Students can earn a GE minor by taking six courses from different GE areas that explore a common theme. The GE minors are designed to ensure that students who complete the minor will meet the University's US Diversity (USD) and Global Cultures (GC) requirements, as well as at least one upper-division Writing (W) course.

- Agriculture, Food, and the Environment GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/agriculture-food-environment-ge-minor/>)
- California Studies GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/california-studies-ge-minor/>)
- Equity, Ethics, and Policy GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/equity-ethics-policy-ge-minor/>)
- Gender and Sexuality GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/gender-sexuality-ge-minor/>)
- Global Studies GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/global-studies-ge-minor/>)
- Health and Wellness GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/health-wellness-ge-minor/>)
- Innovation, Design, and the Arts GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/innovation-design-arts-ge-minor/>)

- Race, Ethnicity, and Sovereignty GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/race-ethnicity-sovereignty-ge-minor/>)
- Science, Technology, and Society GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/science-technology-society-ge-minor/>)
- Sustainability and Climate Change GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/sustainability-climate-change-ge-minor/>)

Honors in GE

To graduate with Honors in General Education, students achieve a minimum 3.0 GPA in General Education courses and complete eight GE areas with Honors (HNRS) courses.

- Honors Program (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/honors-program/>)

General Education Course Requirements

General Education at California State University, Chico is outlined in Executive Memorandum 21-023 (<https://www.csuchico.edu/pres/em/2021/21-023.shtml>).

Students who are admitted and enroll (matriculate) as first-time freshman beginning in fall 2022 or thereafter, either at Chico State or at any other institution of higher education, follow the current GE program described below.

Students who are admitted and enroll (matriculate) as first-time freshman before fall 2022, either at Chico State or at any other institution of higher education, follow the GE program described under Pre-F22 GE Requirements (p. 13).

Please refer to your Degree Progress Report, which is accessible through your Student Center in the Portal (<https://portal.csuchico.edu/uPortal/f/u181s4/normal/render.uP>) to see your specific GE requirements.

Students must complete 48 units selected from designated General Education categories and courses. If you are enrolled in or are considering one of our high-unit majors, such as engineering, computer science, or liberal studies, carefully review the GE changes outlined under Majors with Modifications (p. 10).

General Education Requirements: 48 units

- **Take a minimum of 39 units from Lower-Division courses**
 - **Three units each with a grade of C- or higher (12 total units):**
 - Oral Communication (A1) (p. 2)
 - Written Communication (A2) (p. 2)
 - Critical Thinking (A3) (p. 3)
 - Mathematics/Quantitative Reasoning (B4) (p. 3)
 - **Three units each (27 total units):**
 - Physical Science (B1) (p. 3)
 - Life Science (B2) (p. 3)
 - a laboratory (B3) component is imbedded in most listed B1 and B2 courses
 - Arts (C1) (p. 3)

- Humanities (C2) (p. 4)
- Arts and Humanities (C) - American Institution: U.S. History (p. 5) (US-1)
- Social Sciences (D) - American Institution: U.S. Constitution, California State, and Local Government (p. 5) (US-2 and US-3)
- Social Sciences (D) (p. 5)
- Lifelong Learning and Self-Development (E) (p. 5)
- Ethnic Studies (F) (p. 6)
- **Take nine units from within a single** Upper-Division Pathway (p. 6):
 - Scientific Inquiry and Quantitative Reasoning (UD-B)
 - Arts and Humanities (UD-C)
 - Social Sciences (UD-D)

Important Notes for General Education Planning

- You can view your progress toward completing your GE, as well as all other graduation requirements, in your Degree Progress Report (DPR) via your Portal. If you need assistance accessing or interpreting your DPR, meet with an advisor in Academic Advising Programs, SSC 220. Your DPR serves as your official graduation evaluation; once you have applied for graduation, meet with a graduation advisor in Graduation Advising in the Office of the Registrar, SSC 110 if you have questions about your remaining graduation requirements.
- Enroll in Written Communication (A2) (p. 2) and Mathematics/Quantitative Reasoning (B4) (p. 3) courses during the first academic year, unless the requirement has been completed prior to entering the University.
- 45 semester units including Oral Communication (A1) (p. 2), Written Communication (A2) (p. 2), Critical Thinking (A3) (p. 3), and Mathematics/Quantitative Reasoning (B4) (p. 3) requirements must be completed before the 9 units of upper-division coursework in a Pathway may be taken.
- A minimum of 9 out of the 48 GE units must be taken at Chico State.
- GE courses are periodically reviewed and may be added to or deleted from the list.
- Many courses which meet either the U.S. Diversity or the Global Cultures Studies graduation requirement also meet specific GE Area requirements. These courses are identified both in the following GE program and on the U.S. Diversity (<https://catalog.csuchico.edu/undergraduate-requirements/diversity-requirements/#USDV>) and Global Cultures (<https://catalog.csuchico.edu/undergraduate-requirements/diversity-requirements/#GBCL>) course lists. Other U.S. Diversity and Global Cultures courses not currently approved for GE are also listed.
- Several majors require you to take specific GE courses and/or recommend certain GE courses as elective credit for the major. In a few high-unit majors, modifications in the GE requirements have been made in order to reduce the total number of units required to complete the program. It is very important that you review the description of your major with your advisor. You must determine whether specific GE courses are recommended or required, or if there are modifications which you should consider for your major. See the Majors with Modifications page for a summary of majors and courses.

- Passing scores on some Advanced Placement (AP), International Baccalaureate (IB), and College Level Examination Program (CLEP) exams can fulfill GE requirements. See Credit By External Exam and a graduation advisor in Graduation Advising, SSC 110, or an advisor in Academic Advising Programs, SSC 220, for specifics.

Transfer Students

- No more than 39 semester units (or quarter equivalent) of GE credit may be certified by other institutions to apply toward GE requirements at Chico State.
- If you are a transfer student from a California Community College who has full GE certification, you will not be held to additional lower-division GE requirements. However, you must complete Chico State U.S. Diversity (<https://catalog.csuchico.edu/undergraduate-requirements/diversity-requirements/#USDV>) and Global Cultures (<https://catalog.csuchico.edu/undergraduate-requirements/diversity-requirements/#GBCL>) requirements, if these courses were not taken prior to transfer. If the U.S. History, Constitution, and American Ideals requirement was not completed prior to transfer, this requirement must be completed at Chico State. All students transferring with full GE certification must complete the nine units of upper-division coursework in an upper-division pathway at Chico State.
- If, by virtue of transferring or readmission after an extended absence, you are required to switch from an earlier GE pattern, Chico State will grant as much GE credit as possible for courses previously taken.
- If you transfer to another CSU campus, Chico State will certify a maximum of 39 GE units. The remaining nine units must be completed at the campus awarding your degree.

Which Requirements Do You Follow?

Students who are admitted and enroll (matriculate) as first-time freshman beginning in fall 2022 or thereafter, either at California State University, Chico or at any other institution of higher education, follow the current GE program described below.

Students who are admitted and enroll (matriculate) as first-time freshman **before** fall 2022, either at Chico State or at any other institution of higher education, follow the GE program described under Pre-F22 GE Requirements (p. 13).

Please refer to your Degree Progress Report, which is accessible through your Student Center in the Portal (<https://portal.csuchico.edu/uPortal/f/u1811s4/normal/render.uP>) to see your specific GE requirements.

Oral Communication (A1)

A grade of C- or higher is required to fulfill this requirement.

Course	Title	Units
Select one of the following:		
CMST 131	Speech Communication Fundamentals	3
CMST 132	Small Group Communication	
HNRS 100	Communication and Social Change	

Written Communication (A2)

A grade of C- or higher is required to fulfill this requirement.

Course	Title	Units
Select one of the following:		
ENGL 130EW	Academic Writing - ESL (W)	3

ENGL 130PW	Academic Writing (W)
ENGL 130W	Academic Writing (W)
JOUR 130W	Professional Writing for Public Audiences (W)

Critical Thinking (A3)

A grade of C- or higher is required to fulfill this requirement.

Course	Title	Units
Select one of the following:		3
CMST 255	Argumentation and Debate	
ERTH 104	Inquiry into the Science of Climate Change	
PHIL 102	Logic and Critical Thinking	
PHIL 102E	Logic and Critical Thinking – ESL	
PSYC 100	Applications of Critical Thinking and Decision Making	

Physical Science (B1)

A laboratory (B3) component is imbedded in most Physical Science (B1) courses.

Course	Title	Units
Select one of the following:		3-4
CHEM 100	Chemistry and Current Issues	
EECE 110	Basic Electricity and Instruments	
EECE 111	Smart Electronics	
ERTH 101	Our Changing Planet	
ERTH 110	Oceanography	
ERTH 130	Introduction to Environmental Science	
GEOG 101	Earth Systems and Physical Geography	
HNRS 103	Physical Sciences	
PHYS 100	Introduction to Astronomy: Survey of the Cosmos	
SCED 101	Introduction to Earth System Science	

One of the following advanced courses may be substituted for the requirement above:

CHEM 107	General Chemistry for Applied Sciences	
CHEM 108	Organic Chemistry for Applied Sciences	
CHEM 111	General Chemistry I	
ERTH 102	Physical Geology	
PHYS 202A	General Physics I	
PHYS 204A	Physics for Students of Science and Engineering: Mechanics	

Life Science (B2)

A laboratory (B3) component is imbedded in each Life Science (B2) course.

Course	Title	Units
Select one of the following:		3-4
ANTH 111	Introduction to Biological Anthropology	
BIOL/SCED 102	Introduction to Living Systems	
BIOL 103	Human Anatomy	
BIOL 104	Human Physiology	
BIOL 105	Food, Fiber, and Drugs	

CIVL 175	Biological Processes in Environmental Engineering
PSSC 101	Introduction to Plant Science
SCED/BIOL 102	Introduction to Living Systems

One of the following advanced courses may be substituted for the requirement above:

BIOL 161	Principles of Ecological, Evolutionary, and Organismal Biology
BIOL 162	Principles of Cellular and Molecular Biology
BIOL 163	Principles of Physiology and Development

Mathematics/Quantitative Reasoning (B4)

A grade of C- or higher is required to fulfill this requirement.

Course	Title	Units
Select one of the following:		3-4
BSIS 111	Data Literacy	
FINA 101	Personal Financial Literacy	
MATH 101	Patterns of Mathematical Thought	
MATH 105	Introduction to Statistics	
MATH 185	Data Analytics for Social Good	

One of the following advanced courses may be substituted for the requirement above:

MATH 107	Finite Mathematics for Business	
MATH 108	Statistics of Business and Economics	
MATH 109	Survey of Calculus	
MATH 110	Concepts and Structures of Mathematics	
MATH 116	College Algebra	
MATH 118	Trigonometry	
MATH 119	Precalculus Mathematics	
MATH 120	Analytic Geometry and Calculus	

Arts (C1)

Course	Title	Units
Select one of the following:		3
ARTH 100	Art Appreciation: Multicultural Perspectives	
ARTH 110	Art History Survey: Prehistory to Medieval	
ARTH 120	Art History Survey: Renaissance to 1800	
ARTH 130	Art History Survey: 1800 to the Present	
ARTH 150	Survey of Arts of the Americas, Oceania, and Africa	
CAGD 110	Computer-Assisted Art I	
CHLX/HUMN/ LANC 254	Chicana/o Arts and Ideas	
CMGT 275W	Architectural History (W)	
ENGL 203	Global Adaptations of Shakespeare in Film	
ENGL 204	Introduction to Comics and Graphic Novels	
GEOG 139	Visualizing Local Landscapes	
HNRS 101	Arts	
HUMN 220	Ancient and Medieval Art and Literature	
HUMN 222	Arts and Ideas: Renaissance to the Present	
HUMN 222W	Arts and Ideas: Renaissance to the Present (W)	
HUMN/CHLX/ LANC 254	Chicana/o Arts and Ideas	

HUMN 281	Food and Film
HUMN 281W	Food and Film (W)
KINE 152	Introduction to Dance
LANC/CHLX/ HUMN 254	Chicana/o Arts and Ideas
MADT 217	Social Media Photography
MADT 218	Social Media Storytelling
MUSC 290	World Music
MUSC 291	American Music: Its History and International Influence
MUSC 292	The Appreciation of Music
MUSC 294	History of Rock Music
THEA 110	Introduction to Theatre Arts
THEA 112	Introduction to Acting
THEA 251	World Theatre
THEA 254	History of the American Musical: Oklahoma! to Hamilton

Humanities (C2)

Course Title **Units**
Select one of the following: 3-4

AFAM/HIST 231	African American History
AIST/HIST 230	American Indian Histories Past and Present
AIST/ENGL 252	American Indian Literature
ARAB 101A	Beginning Arabic I
ARAB 102A	Beginning Arabic II
ARAB 201	Intermediate Arabic I
ARAB 202	Intermediate Arabic II
CMSD 156	Language and Culture of Deaf Americans
CMST 234	Gender and Communication
EFLN 170	English as a Foreign Language
ENGL 220W	Beginning Creative Writing (W)
ENGL/AIST 252	American Indian Literature
ENGL 258W	World Literature (W)
ENGL 260W	Great Books (W)
ENGL 261W	Women Writers (W)
ENGL 264W	American Ethnic and Regional Writers (W)
FREN 101	Beginning French I
FREN 102	Beginning French II
FREN 201	Intermediate French I
FREN 202	Intermediate French II
GERM 101	Beginning German I
GERM 102	Beginning German II
GERM 201	Intermediate German I
GERM 202	Intermediate German II
HIST/AIST 230	American Indian Histories Past and Present
HIST/AFAM 231	African American History
HIST/MEST 261/RELS 202	Islam and the World

HNRS 102W	Humanities (W)
HUMN 224W	Asian Film and Literature (W)
ITAL 101	Beginning Italian I
ITAL 102	Beginning Italian II
ITAL 201	Intermediate Italian I
ITAL 202	Intermediate Italian II
ITAL 260	Lifestyles and Livelihoods in the Italian Renaissance
ITAL 260W	Lifestyles and Livelihoods in the Italian Renaissance (W)
JAPN 101	Beginning Japanese I
JAPN 102	Beginning Japanese II
JAPN 201	Intermediate Japanese I
JAPN 202	Intermediate Japanese II
LAST 120	Latin American Film and Culture
MCGS/RELS 224	Religion and Ethnic Diversity in America
MCGS/RELS 224W	Religion and Ethnic Diversity in America (W)
MEST/HIST 261/RELS 202	Islam and the World
MJIS/RELS 204W	The Stories of Judaism (W)
MJIS/RELS 205	Antisemitism and Islamophobia
PHIL 101	Introduction to Philosophy
PHIL 104	The Good Life
PHIL 111	Ethics of Artificial Intelligence
PHIL 129	Environmental Ethics
PHIL 133	Philosophy and Video Games
RELS 100	Introduction to Judaism, Christianity, and Islam
RELS 110	Introduction to Spiritual Traditions of Asia
RELS 180	Introduction to Spirituality and Religion in California
RELS 202/ HIST 261/ MEST 261	Islam and the World
RELS/MJIS 204W	The Stories of Judaism (W)
RELS/MJIS 205	Antisemitism and Islamophobia
RELS/MCGS 224	Religion and Ethnic Diversity in America
RELS/MCGS 224W	Religion and Ethnic Diversity in America (W)
RELS 247W	Religion, Ethics, and Ecology (W)
RELS/WMST 275	Women and Religion
RELS/WMST 275W	Women and Religion (W)
SPAN 101	Beginning Spanish I
SPAN 102	Beginning Spanish II
SPAN 201	Intermediate Spanish I
SPAN 201B	Intermediate Spanish for Business
SPAN 201C	Intermediate Spanish for Healthcare

SPAN 202	Intermediate Spanish II
SPAN 202N	Intermediate Spanish for Heritage Speakers
TECH 182	Science Fiction
WMST/RELS 275	Women and Religion
WMST/RELS 275W	Women and Religion (W)

American Institution: US History (C)

At Chico State, the US History requirement (US-1) fulfills three units of Area C.

Course	Title	Units
HIST 130	United States History	3

American Institution: US Constitution, California State, and Local Government (D)

At Chico State, the US Constitution requirement (US-2) and California State, and Local Government requirement (US-3) fulfills three units of Area D.

Course	Title	Units
POLS 155	American Government: National, State, and Local	3

Social Sciences (D)

Social Sciences (D) courses shall be completed from at least two different disciplines

Course	Title	Units
Select one of the following:		3
ABUS 101	Introduction to Agricultural Business and Economics	
AIST/ANTH 261	Peoples and Cultures of Native North America	
ANTH 112	Introduction to Archaeology	
ANTH 113	Human Cultural Diversity	
ANTH 116	Power, Violence, and Inequality	
ANTH 140	Magic, Witchcraft, and Religion	
ANTH/ASST 200	Asia Today and Tomorrow	
ANTH/AIST 261	Peoples and Cultures of Native North America	
ASST/ANTH 200	Asia Today and Tomorrow	
CRIM 250	Introduction to Criminal Justice	
ECON 101	Introduction to Economics	
ECON 102	Principles of Macroeconomic Analysis	
ECON 103	Principles of Microeconomic Analysis	
GEOG 102	Peoples, Places, and Environments	
GEOG 105	California Cultural Landscapes	
GEOG 106	American West Decolonized	
HIST 101	World History to 1400	
HIST 102	World History since 1400	
HIST 205W	Global Environmental History (W)	

INTR 102	Politics of the Developing World
JOUR 210	Pop Culture and Media Innovation
JOUR/WMST 211	Gender and Sexuality in Media
LAST 110	Latin America Today
LEGL 112	Law, Politics, and Justice
MCGS/SOCI 240	Food Justice
NFSC 200	Health at Every Size: A Non-Diet Approach to Wellness
NFSC 200W	Health at Every Size: A Non-Diet Approach to Wellness (W)
PHHA 265	Human Sexuality
POLS 101	Vital Political Problems
PSYC 151	Socio-Cultural Context of Psychological Development
PSYC 152	Developmental Wellness
RHPM 210	Diversity in Public Lands
SOCI 100	Introduction to Sociology
SOCI 200	Social Problems
SOCI 227	Sociology of Popular Culture
SOCI/WMST 230	Women in Contemporary Societies
SOCI/MCGS 240	Food Justice
SWRK 170	Social Welfare Institutions: A Response to Power and Scarcity
TECH 180	Invention and Innovation
WMST 170	Introduction to Women's Studies
WMST/JOUR 211	Gender and Sexuality in Media
WMST/SOCI 230	Women in Contemporary Societies
WMST 233	Women Internationally

Lifelong Learning and Self-Development (E)

Course	Title	Units
Select one of the following:		3
CHLD 252	Child Development	
CHLD 255	Marriage and Family Relationships	
CHLD 272	Children in a Changing World	
CMST 235	Intercultural Communication Theories and Practice	
CSCI 102	Living With Technology	
ENGL 240	Literature for Life	
ENVL 105	Environmental Literacy	
ENVL 105W	Environmental Literacy (W)	
INST 110	Introduction to International Engagement	
INST 110W	Introduction to International Engagement (W)	
JOUR 255	Digital Literacy and Media Technology	
JOUR 255W	Digital Literacy and Media Technology (W)	
KINE 110	Physical Activity and Wellness: A Way of Life	
KINE 247	World Sports and Games	

KINE 295	Disability and Physical Activity in the Media
LIBR 130	Introduction to Undergraduate Research
MADT 102	Design Thinking
NFSC 100	Basic Nutrition
PHHA 160	Personal Health
PHIL 106	Ethics for College Life and Beyond
PHIL 207	The Meaning of Life
PSYC 101	Principles of Psychology
RELS 264	Dying, Death, and Afterlife
RELS 264W	Dying, Death, and Afterlife (W)
RHPM 180	Leisure and Life
RHPM 270	Food and Beverage Tourism
SOCI 133	Sociology of Sexuality
UNIV 101	Introduction to University Life
UNIV 105W	Self, Identity, and Sustainability (W)

Ethnic Studies (F)

Ethnic Studies (F) courses do not fulfill the US Diversity Graduation Requirement.

Course	Title	Units
Select one of the following:		3
AAST/ASST 110W	Introduction to Asian Studies (W)	
AAST 152	Introduction to the Asian American Experience	
AAST/BLMC 330	Introduction to Critical HMoob Studies	
AFAM 170	Introduction to Black/African American Studies	
AIST 170	Introduction to American Indian/US Native American Studies	
AIST 365	American Indian Storytelling/Oral Narrative	
ASST/AAST 110W	Introduction to Asian Studies (W)	
BLMC/AAST 330	Introduction to Critical HMoob Studies	
CHLX 157	Introduction to Latinx	
CHLX/HIST 235	Mexican American History	
CHLX/POLS 328	Latino Politics	
HIST/CHLX 235	Mexican American History	
HNRS 300/MCGS 300H	Honors Ethnic Studies Methodologies	
MCGS 140	Learning from Men of Color in Leadership	
MCGS 145	Learning from Women of Color in Leadership	
MCGS 155	Introduction to Intersectional Ethnic Studies	
MCGS 155W	Introduction to Intersectional Ethnic Studies (W)	
MCGS 300H/HNRS 300	Honors Ethnic Studies Methodologies	
POLS/CHLX 328	Latino Politics	

Upper-Division Pathways

Students take three upper-division courses, one from each area. At Chico State, students must choose one upper-division pathway for the completion of these requirements. An upper-division pathway connects courses in an intellectually cohesive course of study that explores an issue or subject from multidisciplinary perspectives. Normally, upper-division GE courses are designed to be taken after students have completed 60 units, including lower-division GE courses in written communication, oral communication, critical thinking, and mathematics/quantitative reasoning.

Agriculture, Food, and Environment Pathway

Agriculture, Food, and the Environment explores the importance of food through agricultural, environmental, economic, and cultural lenses. By critically thinking about the role of foodways in our everyday lives, students engage in scientific inquiry, explore equitable practices in communities, develop skills related to their field, and produce effective writing and multimedia projects.

Some of these courses may be used toward the Agriculture, Food, and the Environment GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/agriculture-food-environment-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
ERTH 375	Geology of Food and Health	
NFSC 310	Global Nutrition	
PSSC 390	Food Forever: Comparisons of Sustainable Food Production Systems	
PSSC 392	World Food and Fiber Systems	
Arts and Humanities (UD-C)		
Select one of the following:		3
ENGL 338W	Environmental Rhetoric (W)	
HIST 341	American Environment	
	or HIST 341 American Environment (W)	
PHIL 336	American Indian Environmental Philosophies	
PHIL/RELS 339	Confronting the Animal: Theory, Culture, and Practice	
	or PHIL/RELS 339W (W)	
RELS/PHIL 339	Confronting the Animal: Theory, Culture, and Practice	
	or RELS/PHIL 339W (W)	
Social Sciences (UD-D) ¹		
Select one of the following:		3
ABUS 390	World Food and Hunger Issues	
ANTH 333	Nature, Culture, Environment	
ANTH 340	Anthropology of Food	
	or ANTH 340 Anthropology of Food (W)	
ECON 365	Environmental Economics	
GEOG 301W	Global Economic Geography (W)	
SOCI 420	Environmental Sociology	

Total Units **9**

California Studies Pathway

California Studies takes part in an honest exploration of the diverse ethnic, religious, linguistic, and environmental composition of California in order to navigate trends in current and future culture and industry.

Some of these courses may be used toward the California Studies GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/california-studies-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 330	California Wild Foraging	
BIOL 334	Conservation Ecology	
ERTH 355	Natural Disasters	
Arts and Humanities (UD-C)		
Select one of the following:		3
HIST/LAST 382	Modern Mexico	
or HIST/ LAST 382W	Modern Mexico (W)	
LANC 355	Bilingualism in North America	
LAST/HIST 382	Modern Mexico	
or LAST/ HIST 382W	Modern Mexico (W)	
PHIL 336	American Indian Environmental Philosophies	
RELS 357	End of the World	
or RELS 357W	End of the World (W)	
Social Sciences (UD-D) ¹		
Select one of the following:		3
AIST/ANTH 362W	California Indians (W)	
ANTH/AIST 362W	California Indians (W)	
ECON 365	Environmental Economics	
MGMT 380W	Socio-Economic Innovation in Far-Northern California (W)	
POLS 402	State and Local Government	
SOSC 302	Temporal Concepts: California Ethnic History	
Total Units		9

Equity, Ethics, and Policy Pathway

In Equity, Ethics and Policy, students explore power structures and the ways people can reclaim the power to shape decisions locally, regionally, and nationally. Examine the ethical complexities involved in balancing the needs and desires of humans in community and develop strategies to reimagine a more equitable world.

Some of these courses may be used toward the Equity, Ethics, and Policy GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/equity-ethics-policy-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 303	Human Genetics	
BIOL 322W	Science and Human Values (W)	
ERTH 320	Water Equity and Power	
PHYS 376W	Physics for Future World Leaders (W)	
UNIV 430	Undergraduate Research in College Equity and Success	
Arts and Humanities (UD-C)		
Select one of the following:		3
ENGL 355	Bible, Literature, and Culture	
ENGL 356	Literature, Politics, and Activism	
HUMN 300	Conservatives and Liberals	
or HUMN 300W	Conservatives and Liberals (W)	
PHIL 323	Moral Issues in Parenting	
or PHIL 323W	Moral Issues in Parenting (W)	
PHIL/RELS 339	Confronting the Animal: Theory, Culture, and Practice	
or PHIL/ RELS 339W	Confronting the Animal: Theory, Culture, and Practice (W)	
RELS/PHIL 339	Confronting the Animal: Theory, Culture, and Practice	
or RELS/ PHIL 339W	Confronting the Animal: Theory, Culture, and Practice (W)	
Social Sciences (UD-D) ¹		
Select one of the following:		3
ECON 340W	Work, Wealth, and Income Distribution (W)	
GEOG 301W	Global Economic Geography (W)	
GEOG 352	The United States	
LEGL 365W	Theories, Practices, and Administration of Justice (W)	
SOCI 335	Women, Work, and Family	
SOSC 300	Great Books and Ideas in the Social Sciences	
Total Units		9

Gender and Sexuality Pathway

Be empowered to engage in self-exploration with real-life gender and sexuality issues, in order to develop greater open-mindedness, awareness, empathy and investment in our diverse world. Through a lens of inclusivity and equity, students think critically about the societal, cultural, political, biological and evolutionary systems that shape gender and sexuality.

Some of these courses may be used toward the Gender and Sexuality GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/gender-sexuality-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 323	Biology of Sex	
MCGS/NURS 326W	Gender and Sexuality Perspectives on Disease (W)	

NURS/MCGS 326W	Gender and Sexuality Perspectives on Disease (W)	
PHHA/WMST 368	Women's Health	
WMST/PHHA 368	Women's Health	
Arts and Humanities (UD-C)		
Select one of the following: 3		
HIST/WMST 326	Gender and Sexuality in Modern European History	
HIST/WMST 335	Gender and Sexuality in American History	
MCGS/THEA 315	Performance of Identity	
QTST 310	Lesbian, Gay, Bisexual, Transgender, and Queer Issues and Identities	
or QTST 310W	Lesbian, Gay, Bisexual, Transgender, and Queer Issues and Identities (W)	
THEA/MCGS 315	Performance of Identity	
WMST/HIST 326	Gender and Sexuality in Modern European History	
WMST/HIST 335	Gender and Sexuality in American History	
Social Sciences (UD-D) ¹		
Select one of the following: 3		
CHLD 333W	Children's Gender and Sexuality Development (W)	
LEGL/MCGS 401W	Sexual Minorities Law/Politics (W)	
MCGS/LEGL 401W	Sexual Minorities Law/Politics (W)	
POLS/WMST 324W	Women and Politics (W)	
PSYC 345	Psychology of Women	
SOCI 335	Women, Work, and Family	
WMST/POLS 324W	Women and Politics (W)	
WMST 339	Cultural Images of Women	

Total Units 9

Global Studies Pathway

Global Studies expands your worldview through increased awareness of the art, science, politics, foodways, religions, and economic systems of the world. Learn to communicate across cultures and appreciate the challenges posed by unequal regional development.

Some of these courses may be used toward the Global Studies GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/global-studies-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following: 3		
NFSC 310	Global Nutrition	
PHYS 376W	Physics for Future World Leaders (W)	

PSSC 390	Food Forever: Comparisons of Sustainable Food Production Systems	
PSSC 392	World Food and Fiber Systems	
Arts and Humanities (UD-C)		
Select one of the following: 3		
ENGL 353	Multicultural Literature: Issues and Themes	
HIST 305	Catastrophe, Memory, and Society	
HIST/MEST 362	Middle Eastern Empires	
or HIST/MEST 362W	Middle Eastern Empires (W)	
HIST/MEST 363	The Modern Middle East	
LANC 340W	World Literature in Translation (W)	
LANC 380	Language and Culture in Film	
MEST/HIST 362	Middle Eastern Empires	
or MEST/HIST 362W	Middle Eastern Empires (W)	
MEST/HIST 363	The Modern Middle East	
PHIL 341	Justice and Global Issues	
or PHIL 341W	Justice and Global Issues (W)	
RELS 332	World Religions and Global Issues	
Social Sciences (UD-D) ¹		
Select one of the following: 3		
ABUS 390	World Food and Hunger Issues	
AFRI/ANTH 376W	Africa: Continuity and Change (W)	
ANTH/AFRI 376W	Africa: Continuity and Change (W)	
ANTH 377	The Islamic World	
or ANTH 377W	The Islamic World (W)	
GEOG 303	Geography and World Affairs	
GEOG/LAST 357	Lands and Peoples of Latin America	
LAST/GEOG 357	Lands and Peoples of Latin America	
PHHA 323	International Health	
SOCI 354	Global Perspectives on Ethnicity and Nationalism	
SOCI 370	Population and Migration	

Total Units 9

Health and Wellness Pathway

Learn how to empower yourself and others to thrive in all aspects of wellness to enjoy a healthy, productive, and fulfilling life. In Health and Wellness, students explore ways to enhance their physical and mental health.

Some of these courses may be used toward the Health and Wellness GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/health-wellness-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 311W	Pandemics, Germs, and Society (W)	
BIOL 318	Biology of Childhood	
BIOL 345	Health and Lifestyle Diseases	
MCGS/NURS 326W	Gender and Sexuality Perspectives on Disease (W)	
NFSC 303	Nutrition and Physical Fitness	
NURS/MCGS 326W	Gender and Sexuality Perspectives on Disease (W)	
PHHA/WMST 368	Women's Health	
WMST/PHHA 368	Women's Health	

Arts and Humanities (UD-C)		
Select one of the following:		3
ENGL 342W	Literature of the Child (W)	
HIST 305	Catastrophe, Memory, and Society	
PHIL 327	Health Ethics	
	or PHIL 327W Health Ethics (W)	
QTST 310	Lesbian, Gay, Bisexual, Transgender, and Queer Issues and Identities	
	or QTST 310W Lesbian, Gay, Bisexual, Transgender, and Queer Issues and Identities (W)	

Social Sciences (UD-D) ¹		
Select one of the following:		3
CHLD 321	Risk and Resilience in Development	
CHLD 360	Social-Emotional Intelligence: Development and Learning	
ECON 352	Medical Economics	
PHHA 370	Drugs in Our Society	
PSYC 321	Brain, Mind, and Behavior	
SOCI 363	Sociology of Human Stress	

Total Units 9

Innovation, Design, and the Arts Pathway

Innovation, Design, and the Arts is hands-on where technology and aesthetics converge. Coursework centers on historical, cultural, technological, and artistic ideas and skills essential to expanding your creative and innovative potential.

Some of these courses may be used toward the Innovation, Design, and the Arts GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/innovation-design-arts-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 322W	Science and Human Values (W)	
PHYS 307	Physics of Music	
SCED 300W	Scientific Innovations Behind Modern Technology (W)	
TECH 380W	Inventing the Future (W)	

Arts and Humanities (UD-C)		
Select one of the following:		3
ENGL 330W	Introduction to Technical Writing (W)	
HIST 365	The Scientific Revolution	
LANC 340W	World Literature in Translation (W)	
LANC 380	Language and Culture in Film	
MCGS/THEA 315	Performance of Identity	
THEA/MCGS 315	Performance of Identity	

Social Sciences (UD-D) ¹		
Select one of the following:		3
CSCI 431W	Usability Engineering (W)	
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet	
MADT 307	Technology and Communication	
SOSC 300	Great Books and Ideas in the Social Sciences	
WMST 339	Cultural Images of Women	

Total Units 9

Race, Ethnicity, and Sovereignty Pathway

Race, Ethnicity, and Sovereignty allows you to identify the conditions that shape the lived experiences of Black, Latinx/e, Asian, Indigenous, Native American, and/or other communities of color with a particular emphasis on but not exclusive to the United States.

Some of these courses may be used toward the Race, Ethnicity, and Sovereignty GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/race-ethnicity-sovereignty-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 302	Evolution	
	or BIOL 302W Evolution (W)	
BIOL 323	Biology of Sex	
ERTH 320	Water Equity and Power	
UNIV 430	Undergraduate Research in College Equity and Success	

Arts and Humanities (UD-C)		
Select one of the following:		3
ENGL 353	Multicultural Literature: Issues and Themes	
ENGL 364W	American Ethnic and Regional Literature in Focus (W)	
HIST/LAST 382	Modern Mexico	
	or HIST/LAST 382W	
LANC 355	Bilingualism in North America	
LAST/HIST 382	Modern Mexico	
	or LAST/HIST 382W	
PHIL 337	Philosophy of Race	
	or PHIL 337W Philosophy of Race (W)	

Social Sciences (UD-D) ¹

Select one of the following:	3
GEOG/LAST 357	Lands and Peoples of Latin America
LAST/GEOG 357	Lands and Peoples of Latin America
MCGS 350	Issues in Racial and Ethnic Equity
PSYC 391	Psychology of Prejudice, Hate, and Violence
SOCI 370	Population and Migration

Total Units 9

Science, Technology, and Society Pathway

Emerging technologies and unexpected discoveries shape your everyday life. From scientific revolutions and artistic evolutions to social media and gaming environments, examine the ideas we create and content we consume that define who we are, where we're going, and why we matter.

Some of these courses may be used toward the Science, Technology, and Society GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/science-technology-society-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 302	Evolution	
	or BIOL 302W Evolution (W)	
BIOL 303	Human Genetics	
PHYS 307	Physics of Music	
SCED 300W	Scientific Innovations Behind Modern Technology (W)	
TECH 380W	Inventing the Future (W)	

Arts and Humanities (UD-C)

Select one of the following:		3
ENGL 350W	Science, Technology and the Literature of Cultural Change (W)	
HIST 365	The Scientific Revolution	
PHIL 370	Philosophy of Science	
	or PHIL 370W Philosophy of Science (W)	
RELS 357	End of the World	
	or RELS 357W End of the World (W)	

Social Sciences (UD-D) ¹

Select one of the following:	3
GEOG 303	Geography and World Affairs
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet
MADT 307	Technology and Communication
PSYC 321	Brain, Mind, and Behavior
PSYC 345	Psychology of Women
RELS/SOCI 341	Science, Technology, and Religion
SOCI/RELS 341	Science, Technology, and Religion

Total Units 9

Sustainability and Climate Change Pathway

Climate change and environmental inequality will affect every part of our lives and those of families, and communities. Sustainability and Climate Change brings together ethics, history, and the natural and social sciences to collectively imagine and design the solutions our society needs.

Some of these courses may be used toward the Sustainability and Climate Change GE Minor (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/sustainability-climate-change-ge-minor/>).

Course	Title	Units
Scientific Inquiry and Quantitative Reasoning (UD-B)		
Select one of the following:		3
BIOL 322W	Science and Human Values (W)	
BIOL 334	Conservation Ecology	
CIMT 363W	Sustainability and the Built Environment (W)	
ERTH 330	Environmental Science	
	or EARTH 330 Environmental Science (W)	
ERTH 340	Sustainability of Marine Environments: The Fate between People and the Sea	
ERTH 355	Natural Disasters	

Arts and Humanities (UD-C)

Select one of the following:		3
ENGL 354	Classical Literature	
HIST 341	American Environment	
	or HIST 341W American Environment (W)	
PHIL 336	American Indian Environmental Philosophies	
PHIL 370	Philosophy of Science	
	or PHIL 370W Philosophy of Science (W)	
RELS 357	End of the World	
	or RELS 357W End of the World (W)	

Social Sciences (UD-D) ¹

Select one of the following:	3
ANTH 333	Nature, Culture, Environment
ECON 365	Environmental Economics
GEOG 304	Sustainability and Resilience
SOCI 420	Environmental Sociology

Total Units 9

¹ Area D courses shall be completed from at least two different disciplines

Majors with Modifications to General Education Requirements

Following is a list of all majors in which GE requirements have been modified. These modifications include special approval for various required non-GE courses to count in the GE areas indicated.

Advanced Manufacturing and Applied Robotics BS

- Take one course in either Arts (C1) or Humanities (C2). The other is waived.

- AMAR 440B is an approved major course substitution for Lifelong Learning and Self-Development (E).
- AMAR 360 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Agricultural Science BS

- ANSC 101 is an approved major course substitution for Life Science (B2).
- AGRI 482W is an approved major course substitution for Upper-Division Social Sciences (UD-D).

These modifications apply to the option in Agricultural Science and Education (<https://catalog.csuchico.edu/colleges-departments/college-agriculture/agriculture/agricultural-science-bs/#agriculturalscienceeducation>) only.

- EDTE 451 is an approved major course substitution for Lifelong Learning and Self-Development (E).
- ENGL 471 is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).

Agricultural Business BS

- ANSC 101 is an approved major course substitution for Life Science (B2).
- AGRI 482W is an approved major course substitution for Upper-Division Social Sciences (UD-D).

Animal Science BS

- ANSC 101 is an approved major course substitution for Life Science (B2).
- AGRI 482W is an approved major course substitution for Upper-Division Social Sciences (UD-D).

Biochemistry BS

- CHEM 401W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Biological Sciences BA

- BIOL 360 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Biological Sciences BS

- BIOL 360 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Business Administration BS

- BSIS 308 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Business Administration BS Online

- BSIS 308 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Business Information Systems BS

- BSIS 308 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Chemistry BA

- CHEM 401W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Chemistry BS

- CHEM 401W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Civil Engineering BS

- Take CMST 131 for Oral Communication (A1).
- Critical Thinking (A3) is waived. (<https://www.calstate.edu/attend/student-services/casper/Pages/high-unit-majors.aspx>)
- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- CIVL 302W fulfills Social Sciences (D).
- CIVL 495 fulfills Lifelong Learning and Self-Development (E).
- CIVL 461 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Communication Design BFA

- ANTH 283 is an approved major course substitution for Social Sciences (D).

Computer Engineering BS

- Critical Thinking (A3) is waived. (<https://www.calstate.edu/attend/student-services/casper/Pages/high-unit-majors.aspx>)
- PHYS 204B fulfills Life Science (B2).
- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- EECE 490B is an approved major course substitution for Social Sciences (D).
- EECE 490AW is an approved major course substitution for Lifelong Learning and Self-Development (E).
- EECE 311 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Computer Information Systems BS

- CSCI 217/MATH 217 is an approved major course substitution for Critical Thinking (A3).
- CSCI 301W is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).

Computer Science BS

- CSCI 217/MATH 217 is an approved major course substitution for Critical Thinking (A3).
- CSCI 551 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).
- CSCI 301W is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).

Concrete Industry Management BS

- CIMT 363W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Construction Management BS

- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- CMGT 330 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Electrical/Electronic Engineering BS

- Take CMST 131 for Oral Communication (A1).
- Take ENGL 130W for Written Communication (A2).
- Critical Thinking (A3) is waived. (<https://www.calstate.edu/attend/student-services/casper/Pages/high-unit-majors.aspx>)
- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- EECE 490B is an approved major course substitution for Social Sciences (D).
- EECE 490AW is an approved major course substitution for Lifelong Learning and Self-Development (E).
- EECE 311 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Environmental Science BS

- ERTH 370W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Geology BS

- ERTH 572W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Journalism BA

- JOUR 460W is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).

Liberal Studies BA

- SCED 141 is an approved major course substitution for Physical Science (B1).
- SCED 142 is an approved major course substitution for Life Science (B2).
- SCED 343 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).
- ENGL 341 is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).
- HIST 333 is an approved major course substitution for Upper-Division Social Sciences (UD-D).

Mathematics BS

- MATH 217 is an approved major course substitution for Critical Thinking (A3).
- MATH 330W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

These modifications apply to the option in Mathematics Education Credential Path (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/mathematics/mathematics-bs/#credentialpath>) only.

- EDTE 451 fulfills Lifelong Learning and Self-Development (E).
- EDTE 302, ENGL 471, and MATH 333 fulfill the Upper-Division Pathway requirement.

Mechanical Engineering BS

- Critical Thinking (A3) is waived. (<https://www.calstate.edu/attend/student-services/casper/Pages/high-unit-majors.aspx>)
- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- MECH 340W is an approved major course substitution for Social Sciences (D).
- MECH 440B is an approved major course substitution for Lifelong Learning and Self-Development (E).
- MECH 332 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Mechatronic Engineering BS

- Critical Thinking (A3) is waived. (<https://www.calstate.edu/attend/student-services/casper/Pages/high-unit-majors.aspx>)
- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- MECH 340W is an approved major course substitution for Social Sciences (D).
- MECA 440B is an approved major course substitution for Lifelong Learning and Self-Development (E).
- EECE 311 fulfills Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Microbiology BS

- BIOL 360 is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Music BA

- MUSC 304 is an approved major course substitution for Arts (C1).

This modification applies to the option in Music Education (<https://catalog.csuchico.edu/colleges-departments/college-humanities-fine-arts/music-theatre-dance/music-ba/#musiceducation>) only.

- MUSC 302W is an approved major course substitution for Humanities (C2)

Musical Theatre BFA

- THEA 150 is an approved major course substitution for Arts (C1).
- THEA 352 is an approved major course substitution for Humanities (C2).
- THEA 160 is an approved major course substitution for Lifelong Learning and Self-Development (E).
- THEA 354 is an approved major course substitution for Upper-Division Arts and Humanities (UD-C).

Nursing BS

- PSYC 101 is an approved major course substitution for Social Sciences (D).
- NURS 342W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

This modification applies to the General Option (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/nursing/nursing-bs/#generaloption>) only.

- NURS 475 is an approved major course substitution for Upper-Division Social Sciences (UD-D).

This modification applies to the Advanced Placement Option for RN to BSN (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/nursing/nursing-bs/#advancedplacementoption>) only.

- NURS 477 is an approved major course substitution for Upper-Division Social Sciences (UD-D).

Physics BS

- PHYS 492W is an approved major course substitution for Upper-Division Scientific Inquiry and Quantitative Reasoning (UD-B).

Plant and Soil Science BS

- ANSC 101 is an approved major course substitution for Life Science (B2).
- AGRI 482W is an approved major course substitution for Upper-Division Social Sciences (UD-D).

Pre-F22 General Education Requirements

Students who are admitted and enroll (matriculate) as first-time freshman **before** fall 2022, either at California State University, Chico or at any other institution of higher education, follow the GE program described under GE Requirements (p. 1). Students who were matriculated and completed college credit **before** fall 2021, either at Chico State or at another institution in the California State University or California Community College systems, and have since maintained continuous enrollment, will not be held to the Ethnic Studies requirements of the current GE program.

Pre-F22 GE Program Requirements

Students must complete 48 units selected from designated General Education categories and courses. If you are enrolled in or are considering one of our high-unit majors, such as engineering, computer science, or liberal studies, carefully review the GE changes outlined in Majors with Modifications (p. 10). Courses may differ from previous catalogs due to courses being added or removed from GE. Please refer to your Degree Progress Report (DPR), which is accessible through your Student Center in the Portal (<https://portal.csuchico.edu/uPortal/f/u1811s4/normal/render.uP>), to see your specific GE requirements.

Note the following general guidelines:

1. Courses must be selected according to the following pattern of General Education:
 - 18 units from the Foundation;
 - 3 units each from Oral Communication (A1) (p. 2), Written Communication (A2) (p. 2), and Critical Thinking (A3) (p. 3) with a grade of C- or higher and
 - 3 units each from Physical Science (B1) (p. 3) and Life Science (B2) (p. 3); a laboratory component (B3 which is imbedded in listed B1 and B2 courses), and Mathematics/Quantitative Reasoning (B4) (p. 3) with a grade of C- or higher.
 - 6 units of American Institutions (p.) coursework (double counting for 3 units in C2 and 3 units in D), and

- 3 units of Ethnic Studies (F) (p. 6)¹ coursework, and
 - 21 units from the Pathways;
 - 12 lower division units: 3 units each from Arts (C1) (p. 3), Humanities (C2) (p. 4), Social Sciences (D) (p. 5), and Lifelong Learning and Self-Development (E) (p. 5) and
 - 9 upper-division units within a single Pathway (p. 13) from the three major disciplinary areas of the Scientific Inquiry and Quantitative Reasoning (UD-B), Arts and Humanities (UD-C) and Social Sciences (UD-D).
2. 45 semester units including Oral Communication (A1) (p. 2), Written Communication (A2) (p. 2), Critical Thinking (A3) (p. 3), and Mathematics/Quantitative Reasoning (B4) (p. 3) requirements must be completed before the 9 units of upper-division coursework in a Pathway (p. 13) may be taken.
 3. A minimum of 9 out of the 48 GE units must be taken at Chico State.

¹ Students who were matriculated and completed college credit **before** fall 2021, either at Chico State or at another institution in the California State University or California Community College systems, and have since maintained continuous enrollment, will not be held to the Ethnic Studies requirement of the current GE program.

Upper-Division GE Pathways: 9 units

All nine upper-division units must be taken from one Pathway.

See the 2022/23 University Catalog Pre-F22 GE Requirements for Pathway course lists.

Please refer to your Degree Progress Report (DPR), which is accessible through your Student Center in the Portal (<https://portal.csuchico.edu/uPortal/f/u1811s4/normal/render.uP>), to see your specific GE requirements.