

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/u18l1s4/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 embedded 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/u18l1s4/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: | | 3 |
| CMST 131 | Speech Communication Fundamentals | |
| 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: | | 3 |
| ENGL 130EW | Academic Writing - ESL (W) | |

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| 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 embedded 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 embedded 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 | |

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| 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:

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| 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:

| | |
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| 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 | |

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| 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

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|------------------------|--|
| 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 |

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| 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 |

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| 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 |

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| 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) |

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| 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 | |

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| 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 |
| AASST/ASST 110W | Introduction to Asian Studies (W) | |
| AASST 152 | Introduction to the Asian American Experience | |
| AASST/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/AASST 110W | Introduction to Asian Studies (W) | |
| BLMC/AASST 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 357 | 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 300 | 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 377 | 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

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

Geology BS

- EARTH 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).

Mechatronics 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).
- 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 embedded 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.