

GEOGRAPHY BA

The Bachelor of Arts in Geography is available to students through two options.

The option in environmental studies. This option provides students interdisciplinary perspectives on critical environmental issues. Drawing from the natural and social sciences, this option equips students to understand issues at a global scale and also provides them opportunities to engage in problem-solving at the local level. This option is tailored for students interested in environmental policy, planning, stewardship, applied conservation, restoration, ecological sustainability, and global climate change. Students gain knowledge and skills to understand and intervene in urban, rural, and regional processes. Graduates will contribute to the creation of livable communities, regenerative economies, and sustainable places.

The option in landscape studies. The focus of this option is on cultural and physical landscapes and the natural processes and diverse cultures that have shaped them. Students examine landscapes from the perspectives of physical and human geography at scales that range from the local to the global. Knowledge of climate patterns, vegetation, and landforms combined with an understanding of societal trends such as urban expansion and migration will demonstrate how landscapes are a synthesis of human and natural environments of the past, present, and future. An emphasis on field-based learning sharpens students' observational and interpretive skills and helps them learn about real-world social and environmental issues while recognizing and drawing from the knowledge of diverse peoples and places to become more mindful citizens as they engage in environmental stewardship, policy, and land-use planning.

Advising Requirement

Advising is mandatory for this program. Consult your department advisor or program coordinator for information.

E-advising Tools

Use the interactive e-advising tools designed to help students graduate within four years. These tools can be accessed through the Student Center in the Portal (<https://portal.csuchico.edu>).

Grading Requirement

All courses taken to fulfill program course requirements must be taken for a letter grade except those courses specified by the department as credit/no credit grading only.

Course Requirements for the Major: 46 units

Completion of the following courses, or their approved transfer equivalents, is required of all candidates for this degree. Courses in this program may complete more than one graduation requirement.

Course	Title	Units
Major Core		
GEOG 101	Earth Systems and Physical Geography	3
GEOG 101L	Earth Systems and Physical Geography Lab	1
GEOG 102	Peoples, Places, and Environments	3
GEOG 111	Introduction to Geographic Methods	3

GEOG 139	Visualizing Local Landscapes	3
GEOG 211	Introduction to Geographical Information Systems	3
GEOG 407W	Earth Systems Analysis of Global Change (W)	3
Select two of the following:		6
GEOG 301W	Global Economic Geography (W)	
GEOG 303	Geography and World Affairs	
GEOG 304	Sustainability and Resilience	
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet	
Major Option		
Select one of the following options:		21
Environmental Studies (p. 1)		
Landscape Studies (p. 2)		

Total Units 46

Major Option Course Requirements

Students must select at least one of the following options for completion of the major course requirements.

The Option in Environmental Studies: 21 units

Course	Title	Units
Foundation		
BIOL 334	Conservation Ecology	3
ECON 365	Environmental Economics	3
ERTH 330W	Environmental Science (W)	3
GEOG 440	Environmental Thought in Action	3
LEGL 461	Environmental Politics and Policy	3
Applications		
Select two courses from one of the following groups:		6
<i>Law, Policy, and the Environment</i>		
ECON 355	The Economics of Government Regulations	
GEOG 425	Planning for Sustainable Communities and Regions	
GEOG 436	Sustainable Transportation Planning	
GEOG 506	Community Service Practice in Sustainability	
PHHA 362	Environmental Health	
SOCI 420	Environmental Sociology	
<i>Natural Resources</i>		
ERTH 370W	Energy in the Human Environment (W)	
ERTH 460	Water Resources Management	
GEOG 343	Climatology	
GEOG 426	Sustainable Water Systems	
GEOG 445	Pyrogeography	
PSSC 390	Food Forever: Comparisons of Sustainable Food Production Systems	
<i>Nature, Society, and Human Values</i>		
ANTH 333	Nature, Culture, Environment	
BIOL 322W	Science and Human Values (W)	
GEOG 306	Geographies of Disaster	
GEOG 405	Conservation, Restoration, and Stewardship	
HIST 341W	American Environment (W)	
RHPM 448	Environmental Education	
Total Units		21

The Option in Landscape Studies: 21 units

Course	Title	Units
Foundation		
GEOG 306	Geographies of Disaster	3
GEOG 320	Introduction to Land Use Planning	3
GEOG 343	Climatology	3
GEOG 405	Conservation, Restoration, and Stewardship	3
GEOG 439W	American Cultural Landscapes (W)	3
Applications		
Select two courses from one of the following groups:		6
<i>General Geography</i> ¹		
GEOG 301W	Global Economic Geography (W)	
GEOG 303	Geography and World Affairs	
GEOG 304	Sustainability and Resilience	
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet	
GEOG 352	The United States	
GEOG 357	Lands and Peoples of Latin America	
<i>Landscape Analysis and Visualization</i>		
GEOG 313	Cartography and Geovisualization	
GEOG 315	Applied Statistical Methods in Geography	
GEOG 418	Remote Sensing of Environment	
<i>Landscape Stewardship</i>		
GEOG 417	Field Techniques	
GEOG 426	Sustainable Water Systems	
GEOG 445	Pyrogeography	
<i>Sustainable Planning</i>		
GEOG 425	Planning for Sustainable Communities and Regions	
GEOG 436	Sustainable Transportation Planning	
GEOG 438	Urban Geography	
GEOG 506	Community Service Practice in Sustainability	
Total Units		21

¹ Select courses not taken to satisfy the core requirements.

Geography and Economics Double Major

Students may take two geography and two economics courses from the following list. All 12 units will count toward both majors (geography courses will count toward 100-level electives in the economics major).

Course	Title	Units
ECON 365	Environmental Economics	3
ECON 375	The Developing Countries	3
ECON 466W	Environmental and Natural Resource Economics (W)	3
GEOG 301W	Global Economic Geography (W)	3
GEOG 304	Sustainability and Resilience	3
GEOG 320	Introduction to Land Use Planning	3
GEOG 425	Planning for Sustainable Communities and Regions	3
GEOG 436	Sustainable Transportation Planning	3
GEOG 438	Urban Geography	3

Geography and History Double Major

Students may elect a geography and history double major. Up to nine units of appropriate upper-division History (HIST) courses may be applied to the geography major. Prior approval by a department advisor and the chair is required.

Electives Requirement

To complete the total units required for the bachelor's degree, select additional elective courses from the total University offerings. You should consult with an advisor regarding the selection of courses which will provide breadth to your University experience and possibly apply to a supportive second major or minor.

Honors in the Major

Honors in the Major is a program of independent work in your major. It requires six units of honors coursework completed over two semesters.

The Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the University for submission in professional journals, presentation at conferences, or academic competition. Such experience is valuable for graduate school and professional life. Your honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair.

Some common features of Honors in the Major program are:

- You must take six units of Honors in the Major coursework. All six units are honors courses (marked by a suffix of H), and at least three of these units are independent study (399H, 499H, 599H) as specified by your department. You must complete each course with a minimum grade of B.
- You must have completed 9 units of upper-division coursework or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements for your major carefully, as there may be specific courses that must be included in these units.
- Your cumulative #GPA should be at least 3.5 or within the top 5% of majors in your department.
- Your GPA in your major should be at least 3.5 or within the top 5% of majors in your department.
- Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the six units of coursework over the two semesters of their senior year.
- Your honors work culminates with a public presentation of your honors project.

Honors in the Major is not part of the Honors Program. Each department administers its own program. Please contact your major department or major advisor to apply.

See Bachelor's Degree Requirements (<https://catalog.csuchico.edu/undergraduate-requirements/bachelors-degree-requirements/>) for complete details on general degree requirements. A minimum of 39 units, including those required for the major, must be upper division.

General Education Requirements: 43 units

See General Education (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/#gerequirementstext>) and the Class Schedule (<http://www.csuchico.edu/schedule/>) for the most current information on General Education requirements and course offerings.

General Education Courses Suggested for Geography Majors

The following General Education courses are recommended to support the student in either of the options for the geography major:

- Critical Thinking: EARTH 104 or PHIL 102
- Mathematical Concepts and Quantitative Reasoning: MATH 105, MATH 118, or MATH 120
- Biological Science: BIOL 161, PSSC 101, or SCED 102

American Institutions Course Requirements: 6 units

The American Institutions graduation requirement, as mandated in Title 5, Section 40404 ([https://govt.westlaw.com/calregs/Document/I56C041434C6911EC93A8000D3A7C4BC3/?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=\(sc.Default\)](https://govt.westlaw.com/calregs/Document/I56C041434C6911EC93A8000D3A7C4BC3/?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default))), requires that students satisfactorily complete courses in United States history, the US Constitution, and government and American ideals (including California state and local government). At Chico State, HIST 130 meets the US history requirement (US-1), and POLS 155 meets the US Constitution and government requirement (US-2) and the California state and local government requirement (US-3). POLS 155 also fulfills three units of GE Area 4, Social and Behavioral Sciences. See Bachelor's Degree Requirements (<https://catalog.csuchico.edu/undergraduate-requirements/bachelors-degree-requirements/#amin>) for more information.

Diversity Course Requirements: 6 units

You must complete a minimum of two courses that focus primarily on cultural diversity. At least one course must be in US Diversity (USD) and at least one in Global Cultures (GC). See Diversity Requirements (<https://catalog.csuchico.edu/undergraduate-requirements/diversity-requirements/>) for a full list of courses. Many courses taken to satisfy these requirements may also apply to General Education (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/>).

Upper-Division Writing Requirement

Writing Across the Curriculum (EM 17-009 (<https://www.csuchico.edu/pres/em/2017/17-009.shtml/>)) is a graduation requirement and may be demonstrated through satisfactory completion of four Writing (W) courses, two of which are designated by the major department. See Writing and Math Requirements (<https://catalog.csuchico.edu/undergraduate-requirements/writing-math-requirements/>) for more details on the four courses. The first of the major designated Writing (W) courses is listed below.

The Option in Environmental Studies

- EARTH 330W Environmental Science (W)

The Option in Landscape Studies

- GEOG 439W American Cultural Landscapes (W)

The second major-designated Writing course is the Graduation Writing Assessment Requirement (GW) (EO 665 (<https://calstate.policystat.com/policy/9585618/latest/>)). Students must earn a C- or higher to receive GW credit. The GE English Composition (1A) (<https://catalog.csuchico.edu/colleges-departments/undergraduate-education-academic-success/general-education/#1A>) requirement must be completed before a student is permitted to register for a GW course.