

GEOGRAPHY MINOR

Introduction

Please click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/geography-environmental-sciences/>) to see Geography and Environmental Sciences department information.

These degree requirements are subject to periodic revision by the academic department, and the College of Liberal Arts and Sciences reserves the right to make exceptions and substitutions as judged necessary in individual cases. Therefore, the College strongly urges students to consult regularly with their major advisor and CLAS advisor to confirm the best plans of study before finalizing them.

Program Delivery

- This is an on-campus or online program.

Declaring This Minor

- Please see your advisor.
- Please click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/registration/declare-change-major-minor/>) to go to information about declaring a major/minor.

General Requirements

Students must satisfy all requirements as outlined below and by the department offering the minor.

- CU Denver General Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/>)
- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/>) for information about Academic Policies

Program Requirements

1. Students must complete a minimum of 15 GEOG credit hours.
2. Students must complete a minimum of 9 upper-division (3000- level and above) GEOG credit hours.
3. Students must earn a minimum grade of C- (1.7) in all minor courses taken at CU Denver and must achieve a minimum cumulative minor GPA of 2.0. All graded attempts in required and elective courses are calculated in the minor GPA. Students cannot complete minor or ancillary course requirements as pass/fail.
4. Students must complete a minimum of 9 GEOG credit hours with CU Denver faculty.

Program Restrictions, Allowances and Recommendations

1. The minor is flexible and does not have core requirements. A student can elect to take any GEOG courses as long as they are not being used to fulfill requirements in another degree program in the department.
2. Undergraduate students may count up to 3 credit hours of independent study (GEOG 3840 Independent Study: GEOG, GEOG 4840 Independent Study: GEOG, GEOG 4880 Directed Research/GEOL 3840 Independent Study: GEOL, GEOG 4840

Independent Study: GEOG, GEOG 4880 Directed Research) towards elective credit in the minor as approved by the undergraduate advisor.

3. Students may not double-count courses for the Geography minor and another degree program in the department, the Sustainability Minor, or the GISci Certificate.

Geography Course Options

Code	Title	Hours
<i>Take any 15 credit hours of GEOG courses as long as they are not being used to fulfill requirements in another degree program in the department.</i>		
<i>A minimum of 9 credit hours must be 3000 or 4000 level.</i>		
GEOG 1102	World Regions Global Context	3
GEOG 1111	First Year Seminar	3
GEOG 1202	Introduction to Physical Geography	3
GEOG 1302	Introduction to Human Geography	3
GEOG 1602	Urban Studies and Planning	3
GEOG 2080	Introduction to Mapping and Map Analysis	3
GEOG 2202	Hazards to Disasters: Perception and Management	3
GEOG 3100	Geography of Colorado	3
GEOG 3110	Geography of North America	3
GEOG 3120	Geography of Europe	3
GEOG 3130	Central America and the Caribbean	3
GEOG 3140	Geography of South America	3
GEOG 3150	Middle East	3
GEOG 3160	Geography of China	3
GEOG 3232	Weather and Climate	3
GEOG 3240	Colorado Climates	3
GEOG 3401	Geography of Food and Agriculture	3
GEOG 3412	Globalization and Regional Development	3
GEOG 3430	Geography of Tourism	3
GEOG 3440	Ecotourism	3
GEOG 3450	Cultural Heritage and Tourism	3
GEOG 3501	Geography of Health	3
GEOG 3770	Geography and Film	3
GEOG 3840	Independent Study: GEOG	1-3
GEOG 3939	Internship	1-3
GEOG 3990	Special Topics	3
GEOG 4000	Planning Methods	3
GEOG 4010	Landscape Biogeochemistry	3
GEOG 4020	Earth Environments and Human Impacts	3
GEOG 4060	Remote Sensing I: Introduction to Environmental Remote Sensing	3
GEOG 4070	Remote Sensing II: Advanced Remote Sensing	3
GEOG 4080	Introduction to GIS	3
GEOG 4081	Cartography and Computer Mapping	3
GEOG 4085	GIS Applications for the Urban Environment	3
GEOG 4086	FOSS4G Systems Integration	3
GEOG 4090	Environmental Modeling with Geographic Information Systems	3
GEOG 4091	Open Source Software for Geospatial Applications	3
GEOG 4092	GIS Programming and Automation	3
GEOG 4095	Deploying GIS Functionality on the Web	3
GEOG 4150	Place, Landscape, and Meaning	3

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GEOG 4220	Environmental Impact Assessment	3
GEOG 4230	Hazard Mitigation and Vulnerability Assessment	3
GEOG 4235	GIS Applications in the Health Sciences	3
GEOG 4240	Applied Geomorphology	3
GEOG 4251	Fluvial Geomorphology	3
GEOG 4260	Energy and Natural Resource Planning	3
GEOG 4265	Sustainability in Resources Management	3
GEOG 4270	Glacial Geomorphology	3
GEOG 4280	Environmental Hydrology	4
GEOG 4300	Children's Geographies	3
GEOG 4301	Population, Culture, and Resources	3
GEOG 4305	Water Quality and Resources	3
GEOG 4335	Contemporary Environmental Issues	3
GEOG 4350	Environment and Society in the American Past	3
GEOG 4380	Anthropocene Futures	3
GEOG 4400	Regional Economic Systems	3
GEOG 4420	The Politics of Nature	3
GEOG 4440	Science, Policy and the Environment	3
GEOG 4450	Urban Food and Agriculture: Perspectives and Research	3
GEOG 4460	Sustainable Urban Agriculture Field Study I	3
GEOG 4470	Sustainable Urban Agriculture Field Study II	3
GEOG 4480	Urban Vegetable CSA: Planning, Production&Distribution	3
GEOG 4625	Urban America: Colonial Times to the Present	3
GEOG 4630	Transportation, Land Use, and the Environment	3
GEOG 4640	Urban Geography: Denver and the U.S.	3
GEOG 4670	Transportation Planning and Policy	3
GEOG 4680	Urban Sustainability: Perspectives and Practice	3
GEOG 4700	Synthesis for Interdisciplinary Science	3
GEOG 4710	Disasters, Climate Change, and Health	3
GEOG 4720	Climate Change: Causes, Impacts and Solutions	3
GEOG 4731	Mountain Biogeography	4
GEOG 4740	Soil Science and Geography	3
GEOG 4750	Beeography: Geography of Bees	4
GEOG 4770	Applied Statistics for the Natural Sciences	3
GEOG 4840	Independent Study: GEOG	1-3
GEOG 4850	Understanding And Communicating Field Methods	3
GEOG 4880	Directed Research	1-6
GEOG 4940	Senior Seminar	3
GEOG 4950	Honors Thesis	3
GEOG 4990	Special Topics	1-6
GEOG 4992	Advanced Regional Field Study	1-6
GEOG 4995	Global Study Topics	3-9

To learn more about the Student Learning Outcomes for this program, please visit our website (<https://clas.ucdenver.edu/ges/programs/minors/minor-geography/>).