

# GEOGRAPHY - ENVIRONMENT, SOCIETY AND SUSTAINABILITY OPTION, BA

## 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.

The Geography program (within the Department of Geography and Environmental Sciences) offers a BA degree that includes a full range of courses in the fundamentals of geography taught mainly by full-time faculty.

These degree requirements are subject to periodic revision by the academic department, and the College 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 program.

## Declaring This Major

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

## General Requirements

To earn a degree, students must satisfy all requirements in each of the three areas below, in addition to their individual major requirements.

- CU Denver General Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/>)
- CU Denver Core Curriculum (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/>)
- College of Liberal Arts & Sciences Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/#graduationrequirements>)
- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/>) for information about Academic Policies

## Program Requirements

- Students must complete a minimum of 39 GEOG, GEOL or ENVS credit hours.
- Students must complete a minimum of 24 upper division (3000-level and above) GEOG credit hours.
- Students must earn a minimum grade of C- (1.7) in all major courses taken at CU Denver and must achieve a minimum cumulative major GPA of 2.0. All graded attempts in required and elective courses are

calculated in the major GPA. Students cannot complete major or ancillary course requirements as pass/fail.

- Students must complete a minimum of 15 GEOG, GEOL or ENVS credit hours with CU Denver faculty.

## Program Restrictions, Allowances and Recommendations

- Only 3 credits of Travel Study may be counted toward graduation requirements.
- Undergraduate students may count up to 6 credit hours of independent study or internship (any combination of GEOG 3840 Independent Study: GEOG, GEOG 4840 Independent Study: GEOG, GEOG 4880 Directed Research, or GEOG 3939 Internship) towards elective credit in the major as approved by the undergraduate coordinator. Students may not receive more than 3 credit hours per independent study section. No more than 3 credit hours of independent study may be taken with the same instructor or in the same term.
- GEOG 3939 Internship: Community/Professional Experience optional, but highly recommended.

## Required Courses

Code	Title	Hours
<i>Take all of the following</i>		21-22
ENVS 1044 & ENVS 1045	Introduction to Environmental Sciences and Introduction to Environmental Sciences Laboratory	3-4
or GEOG 1202	Introduction to Physical Geography	
ENVS 1342	Environment, Society and Sustainability	3
GEOG 1102	World Regions Global Context	3
or GEOG 1302	Introduction to Human Geography	
GEOG 2080	Introduction to Mapping and Map Analysis	3
GEOG 3232	Weather and Climate	3
GEOG 3412	Globalization and Regional Development	3
GEOG 4335	Contemporary Environmental Issues	3

## Environment, Society and Sustainability Electives

Code	Title	Hours
<i>Take two of the following</i>		6
GEOG 4265	Sustainability in Resources Management	3
GEOG 4301	Population, Culture, and Resources	3
GEOG 4420	The Politics of Nature	3
GEOG 4440	Science, Policy and the Environment	3

## Environmental Studies Electives

Code	Title	Hours
<i>Take three of the following</i>		9
GEOG 3401	Geography of Food and Agriculture	3
GEOG 3440	Ecotourism	3
GEOG 3501	Geography of Health	3
GEOG 4230	Hazard Mitigation and Vulnerability Assessment	3
GEOG 4265	Sustainability in Resources Management	3
GEOG 4301	Population, Culture, and Resources	3

GEOG 4305	Water Quality and Resources	3
GEOG 4350	Environment and Society in the American Past	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 4680	Urban Sustainability: Perspectives and Practice	3
GEOG 4710	Disasters, Climate Change, and Health	3
GEOG 4720	Climate Change: Causes, Impacts and Solutions	3

## Techniques for Environmental Analysis

Code	Title	Hours
<i>Take one of the following</i>		3
GEOG 4060	Remote Sensing I: Introduction to Environmental Remote Sensing (pre-req for Remote Sensing II)	3
GEOG 4080	Introduction to GIS (highly recommended; pre-req to most of the advanced GISci courses)	3
GEOG 4085	GIS Applications for the Urban Environment	3
GEOG 4235	GIS Applications in the Health Sciences	3
GEOG 4770	Applied Statistics for the Natural Sciences	3

To learn more about the Student Learning Outcomes for this program, please visit our website (<https://clas.ucdenver.edu/ges/programs/bachelor-arts/learning-goals-outcomes/>).

To review the Degree Map for this program, please visit our website (<https://www.ucdenver.edu/student/advising/undergraduate/degree-maps/clas/>).