

PROGRAM OVERVIEW

Geography is a science that focuses on the spatial analysis of human/physical patterns and processes. Geographers attempt to identify the factors affecting the distribution of people and their activities on the surface of the earth and to provide meaningful solutions to problems faced by societies. This discipline is an ideal major for the liberal arts student, providing exposure to the concepts and techniques utilized in investigating environmental issues, socioeconomic problems, and planning policies.

The Geography program offers a distinctive curriculum that focuses on the study of human-environmental interaction and is premised upon a model of scientific education that integrates the natural/physical and social sciences. The program takes a place-based approach to this topic, seeking to understand in a holistic manner how cultural, political, economic, natural, and physical processes combine and interact to shape and re-shape landscapes, cities, regions, and nations through time.

ACADEMIC ADVISING

The College of Liberal Arts and Sciences (CLAS) supports students to graduation using a shared advising system. CLAS students have two academic advisors with whom they should meet regularly to discuss academic and degree progress: a CLAS Academic Advisor and a major advisor.

For questions related to CU Denver Core Curriculum, CLAS, general graduation requirements, university/college academic policies, or campus resources contact:

CLAS Academic Advising

clas.advising@ucdenver.edu

Visit the CLAS Advising Website [here](#)

North Classroom (NC) 1030

303-315-7100

For questions related to major requirements, major course prerequisites, or evaluation of transfer coursework in your major contact:

Geography Major Advising

[CLAS Major Advisor Contact Information](#)

Visit the program website [here](#)

North Classroom (NC) 3016

303-315-7525

GENERAL GRADUATION REQUIREMENTS & POLICIES

All CU Denver CLAS students are required to complete the following minimum general graduation requirements to be eligible to apply for graduation:

1. Complete a minimum of 120 credit hours
2. Achieve a minimum 2.0 CU cumulative grade point average (GPA)
3. Complete a minimum of 30 upper-division (3000- to 4000-level) credit
4. Complete all CU Denver Core, CLAS, and major requirements
5. Complete a minimum of 30 CLAS credit hours with letter grades at CU Denver

*The following are **maximum** credit hours that can apply toward the minimum 120 hours required for graduation:*

- 16 credit hours Pass/Fail
- 12 credit hours of Independent Study/Directed Research
- 12 credit hours of internship credit
- 8 credit hours of physical education credit

PROGRAM REQUIREMENTS & POLICIES

Students are responsible for meeting with the major advisor to confirm major requirements. In addition to completing all CU Denver Core and CLAS requirements, students completing the Geography Environmental Science B.A. Degree are required to complete the following minimum program requirements:

1. Students must complete a minimum of 45 credit hours from GEOG, GEOL and ENVS courses.
2. Students must complete a minimum of 24 upper division (3000-level and above) credit hours from GEOG, GEOL and ENVS courses.
3. Students must earn a minimum grade of C- (1.7) in all courses that apply to the major and must achieve a minimum cumulative major GPA of 2.0. Courses taken using P+/P/F or S/U grading cannot apply to program requirements.
4. Students must complete a minimum of 15 GEOG, GEOL or ENVS credit hours with CU Denver faculty.
5. Only three credits of Travel Study may be counted toward graduation requirements.
6. Undergraduate students may count up to 6 credit hours of independent study or internship (any combination of GEOG 3840 Independent Study, GEOG 4840 Independent Study, 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 three credit hours per independent study section. No more than three credit hours of independent study may be taken with the same instructor or in the same term.
7. GEOG 3939 Internship: Community/Professional Experience is optional, but highly recommended.

LYNXCONNECT RESOURCES

Are you interested in learning about internship, study abroad, career, and research opportunities for this major? Visit the CU Denver LynxConnect, located in Tivoli Student Union (TV) Suite 339, and browse the LynxConnect [website](#) for more information.

Degree Requirements	Credits	Notes
* Course prerequisites change regularly. Students are responsible for consulting advisors and the class schedule in the student portal for prerequisite information. *		
CU Denver Core Curriculum Requirements	34 - 40	CU Denver Core Curriculum Requirements
CLAS Graduation Requirements		CLAS Graduation Requirements
GEOG Major Requirements	45	24 credits must be upper-division
GEOG Required Courses		
ENVS 1044 & 1045 Introduction to Environmental Sciences with Lab	4	*Prerequisite/Corequisite: ENVS 1044 (for 1045) and ENVS 1045 (for 1044). Course can fulfill CU Denver Core Natural/Physical Sciences lab science course requirement.
GEOG 1102 World Regions Global Context or GEOG 1302 Introduction to Human Geography	3	GEOG 1102 and GEOG 1302 can count toward CU Denver Core Social Science
GEOG 1202 Introduction to Physical Geography	3	Course can fulfill CU Denver Core Natural/Physical Sciences non-lab science course requirement
GEOG 2080 The Power of Maps: Introduction to Geospatial Sciences	3	
GEOG/ENVS 3232 Weather and Climate	3	*Prerequisite: C- or higher in GEOG 1202 or ENVS 1042 or ENVS 1044 and ENVS 1045
GEOG 3412 Globalization and Regional Development	3	Course can fulfill CU Denver Core International Perspectives
GEOG 4020 Earth, Environments, and Human Impacts	3	*Prerequisite: C or higher in ENVS 1044 and ENVS 1045 or ENVS 1042 or GEOG 1202 and GEOG 3232
GEOG 4265 Sustainability in Resource Management	3	*Prerequisite: C- or higher in ENVS 1042 or ENVS 1044 & 1045
Complete one Quantitative Methods Course:	3	See department for courses. Check individual courses for prerequisites.
Complete one GEOG Geo-Spatial Analysis Course	3	See department for courses. Check individual courses for prerequisites.
Complete one GEOG Environmental Science Elective Course	3	See department for courses. Check individual courses for prerequisites.
BIOL 2010 & 2011 Organisms to Ecosystems (Gen Bio) with lab and BIOL 2020 & 2021 Molecules to Cells (Gen Bio) with lab or CHEM 2031 & 2038 General Chemistry I with lab and CHEM 2061 & 2068 General Chemistry II with lab	8 - 9	Students considering the MS in ENVS should complete both sequences and introductory physics and calculus. Please check admission requirements for prerequisite information. Courses can count toward CU Denver Core Natural/Physical Sciences
Complete one Upper-Division Biology (BIOL) or Chemistry (CHEM) course related to Environmental Science interest area	3-5	See department for courses. Check individual courses for prerequisites.
Estimated General Electives	35 - 41	General Elective credit hours will vary. Students are highly encouraged to explore and complete additional programs including certificates, minors, double-majors, and dual-degrees. Consult with CLAS Academic Advisor.
Total Minimum Credit Hours:	120	30 credits must be upper-division

SUGGESTED ACADEMIC PLAN OF STUDY

The following academic plan is a *suggested* pathway to completing degree requirements for this major. Academic advisors recommend students tailor this plan based on previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit) and individual preferences related to course load, schedules, or add-on programs such as certificates, minors, double-majors, or dual-degrees.

Year 1 - Fall	CRS
ENGL 1020 – Core Composition I	3
CU Denver Core Mathematics – MATH 1110 <i>recommended</i>	3
ENVS 1044 & 1045 ^C	4
GEOG 1202 ^C	3
CU Denver Core Behavioral Science / First-Year Seminar	3
Total Credit Hours	16

Year 1 - Spring	CRS
ENGL 2030 – Core Composition II	3
CU Denver Core Humanities	3
GEOG 1102 ^C or 1302 ^C	3
CU Denver Core Social Science ^M	3
General Elective	3
Total Credit Hours	15

Year 2 - Fall	CRS
GEOG 2080	3
BIOL 2010 & 2011 ^C or CHEM 2031 & 2038 ^C	4
CU Denver Core Arts	3
General Elective	3
General Elective	3
Total Credit Hours	16

Year 2 - Spring	CRS
GEOG/ENVS 3232 ^{PE}	3
GEOG 3412	3
BIOL 2020 & 2021 ^C or CHEM 2061 & 2068 ^C	4-5
CU Denver Core International Perspectives ^M	3
General Elective	3
Total Credit Hours	16-17

Year 3 - Fall	CRS
Environmental Science Elective Course	3
CU Denver Core Cultural Diversity	3
General Elective	3
General Elective	3
General Elective	3
Total Credit Hours	15

Year 3 - Spring	CRS
GEOG 4265 ^{PE}	3
Quantitative Methods course	3-4
General Elective	3
General Elective	3
Total Credit Hours	12-13

Year 4 - Fall	CRS
GEOG 4020 ^{PE}	3
Upper-Division BIOL/CHEM Course	3-5
General Elective	3
General Elective	3
General Elective	3
Total Credit Hours	15-17

Year 4 - Spring	CRS
GEOG Geo-Spatial Analysis Course	3
Upper-Division General Elective	3
Upper-Division General Elective	3
General Elective	3
General Elective	3
Total Credit Hours	15

^M Major Course Available ^C CU Denver Core Course ^{PE} Prerequisite Enforced ^{PR} Prerequisite Recommended