

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/faculty advisor.

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

CLAS Academic Advising

clasadvising@ucdenver.edu

Find your CLAS Advisor [here](#)

North Classroom (NC) Building 1030
303-315-7100

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

Fred Chambers

frederick.chambers@ucdenver.edu

Visit the department website [here](#)

North Classroom (NC) Building 3421
303-315-7553

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 semester hours
2. Achieve a minimum 2.0 CU cumulative grade point average (GPA)
3. Complete a minimum of 45 upper-division (3000- to 4000-level) semester hours
4. Complete all CU Denver Core, CLAS, and major requirements
5. Complete a minimum of 30 CLAS hours at CU Denver

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

- 56 semester hours in major department/prefix courses
- 16 semester hours Pass/Fail
- 12 semester hours of Independent Study/Directed Research
- 12 semester hours of internship credit
- 8 semester hours of physical education credit

PROGRAM REQUIREMENTS & POLICIES

Students are responsible for meeting with the major/faculty advisor in the department 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 41 credit hours, including a minimum of 27 GEOG, GEOL or ENVS credit hours and 11 credit hours of ancillary (supporting science) coursework.
2. Students must complete a minimum of 24 upper division (3000-level and above) GEOG credit hours.
3. 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.
4. Students must complete a minimum of 15 GEOG, GEOL or ENVS credit hours with CU Denver faculty.
5. Only 3 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, 4840, 4880, or 3939) 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.

LYNX CONNECT RESOURCES

Are you interested in learning about internship, study abroad, career, and research opportunities for this major? Visit the CU Denver Lynx Connect, located in Tivoli Student Union (TV) Suite 339, and browse the Lynx Connect [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	15 - 29	CLAS Graduation Requirements
GEOG Major Requirements	41	24 semester hours must be upper-division
GEOG Required Courses		
GEOG 1202 Introduction to Physical Geography or ENVS 1044 & 1045 Introduction to Environmental Sciences with Lab	3 - 4	*Prerequisite/Corequisite: ENVS 1044 (for 1045) and ENVS 1045 (for 1044). Course can fulfill CU Denver Core Natural/Physical Sciences (depending on whether lab or non-lab is completed).
GEOG 1102 World Regions Global Context or GEOG 1302 Introduction to Human Geography	3	GEOG 1102 can count toward CU Denver Core Social Science
GEOG 2080 Introduction to Mapping and Map Analysis	3	
GEOG 3232 Weather and Climate	3	*Prerequisite: GEOG 1202 or ENVS 1042 or ENVS 1044 and ENVS 1045
GEOG 3412 Globalization and Regional Development	3	
GEOG 4020 Earth, Environments, and Human Impacts	3	*Prerequisite: 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		See department for courses.
ANTH 4050 Quantitative Methods in Anthropology or GEOG 4770 Applied Statistics for the Natural Sciences or MATH 2830 Introductory Statistics or PSYC 2090 Statistics and Research Methods	3 - 4	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	0 - 30	General Elective credits will vary based on Core & CLAS Requirements. Consult with CLAS Advisor.
Total Minimum Program Hours:	120	45 semester hours 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 minors or double-majors.

Year One	Fall	CRS	Year One	Spring	CRS
	ENGL 1020 – Core Composition I	3		ENGL 2030 – Core Composition II	3
	CU Denver Core Mathematics – MATH 1110 <i>recommended</i>	3		CU Denver Core Humanities	3
	ENVS 1044 & 1045 ^c or GEOG 1202 ^c	4		GEOG 1102 ^c or 1302	3
	CU Denver Core Behavioral Science / First-Year Seminar	3		CU Denver Core Social Science ^M	3
	General Elective	3		General Elective	3
	Total Credit Hours	16		Total Credit Hours	15
Year Two	Fall	CRS	Year Two	Spring	CRS
	GEOG 2080	3		GEOG 3232 ^{PE}	3
	BIOL 2010 & 2011 ^c or CHEM 2031 & 2038 ^c	4		GEOG 3412	3
	CLAS Communicative Skills	3		BIOL 2020 & 2021 ^c or CHEM 2061 & 2068 ^c	4-5
	CU Denver Core Arts	3		CU Denver Core International Perspectives	3
	CLAS Humanities	3		CLAS Behavioral Science	3
	Total Credit Hours	16		Total Credit Hours	16-17
Year Three	Fall	CRS	Year Three	Spring	CRS
	GEOG Upper-Division Elective Course	3		GEOG 4020 ^{PE}	3
	General Upper-Division Elective Course	3		General Upper-Division Elective Course	3
	CU Denver Core Cultural Diversity	3		Quantitative Methods course	3-4
	CLAS Second Language Semester I	5		CLAS Second Language Semester II	5
	Total Credit Hours	14		Total Credit Hours	14-15
Year Four	Fall	CRS	Year Four	Spring	CRS
	GEOG 4265 ^{PE}	3		GEOG Geo-Spatial Analysis Course	3
	Upper-Division BIOL/CHEM Course	3-5		General Upper-Division Elective Course	3
	General Upper-Division Elective	3		General Upper-Division Elective	3
	General Upper-Division Elective	3		General Upper-Division Elective	3
	General Elective	3		General Elective (if needed)	2
Total Credit Hours	15-17	Total Credit Hours	14		

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