

GEOGRAPHY

ENVIRONMENTAL SCIENCE

Bachelor of Arts (B.A.) - Catalog Year Fall 2022

FOR TRANSFER STUDENTS

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

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:

Kirsten (Kris) Christensen

kirsten.christensen@ucdenver.edu
Visit the department website here
North Classroom (NC) 3421
303-315-7525

For questions about admission requirements, transfer policies, applying, and the transfer process contact:

Office of Admissions

admissions@ucdenver.edu
Visit the Admissions website here
Student Commons Building (SCB) 1005
303-315-2601

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)
- Complete a minimum of 45 upper-division (3000- to 4000-level) credit hours
- 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

The following program requirements are based on degree requirements for the current Catalog year at CU Denver and are subject to change. Students are responsible for completing degree requirements based on the Catalog year for which they are admitted.

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 from approved courses.
- 2. Students must complete a minimum of 24 upper division (3000-level and above) credit hours from approved 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. All graded attempts in required and elective courses are calculated in the major GPA. Courses taken using pass/fail 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.



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COURSEWORK THAT CAN BE COMPLETED AT PREVIOUS INSTITUTION

The following is a "bucket" of requirements students can complete prior to transferring to CU Denver, including equivalent Colorado Community College System (CCCS) courses. To determine the equivalencies of courses to be completed at non-CU Denver institutions, students can visit www.transferology.com. It is critical students connect with a CU Denver academic advisor to ensure planned courses will transfer and apply to CU Denver degree requirements. All non-CU Denver coursework must be completed with a C- or better to be eligible for transfer.

Students interested in completing an Associate (A.A. or A.S.) Degree or a Colorado Statewide Transfer Articulation Agreement or Degree with Designation (DWD) must work with their community/junior college academic advisor to create an academic plan that accounts for all degree or transfer articulation agreement requirements. Colorado Community College Students may also explore the option to complete Reverse Transfer at CU Denver.

CU Denver Requirements	CU Denver Credits	CCCS Equivalent Courses & Notes	CCCS Credits
CU Denver Core Curriculum Requirements	34 - 40		
ENGL 1020 – Core Composition I	3	ENG 1021	
ENGL 2030 – Core Composition II	3	ENG 1022	
Mathematics	3 - 4	MAT 1340 recommended or GT-MA1	
Arts	3	GT-AH	
Humanities	3	GT-AH or GT-HI	
Behavioral Sciences	3 - 4	GEO 1005 or 1006 or GT-SS	
Social Sciences	3 - 4	GT-SS or GT-HI*	
Natural/Physical Science with lab	4 - 5	GEO 1011 or ENV 1111 or GT-SC1	
Natural/Physical Science without lab or Math	3 - 5	GEO 1012 or GT-SC2 or GT-MA1 (except the course used for Core Math) or GT-SC1	
International Perspectives	3	Additional GT-AH, HI, SS* (see note below)	
Cultural Diversity	3	To be completed at CU Denver. This requirement must be completed with an upper-division course and CCCS courses will not apply.	
CLAS Graduation Requirements	15 - 29		
CLAS Communicative Skills	3	COM 1150 or PHI 1013	
CLAS Second Language	0 - 10	e.g., SPA 1012 or ASL 1122 Students have several options to fulfill this requirement. Please consult a CU Denver CLAS Academic Advisor.	
CLAS Humanities	3	Any transferrable LIT, HIS, HUM, or PHI course	
CLAS Behavioral Sciences	3 - 4	Any transferrable ANT, COM, or PSY course (except GT-SC courses)	
CLAS Social Sciences	3 - 4	Any transferrable ECO, ETH, GEO, POS, or SOC course (except GT-SC courses)	
CLAS Natural/Physical Science with lab	3 - 5	BIO 1111 or 1112 or CHE 1111 or 1112 or GT-SC1 If students complete only one science course with a lab for the CU Denver Core Curriculum, this course must have an associated lab.	
GEOG Major Courses	14 - 16		
GEOG 1102 World Regions Global Context or GEOG 1302 Introduction to Human Geography	3	GEO 1005 or 1006 Course can fulfill CU Denver Core Behavioral Sciences	
GEOG 1202 Introduction to Physical Geography or ENVS 1044 & 1045 Introduction to Environmental Sciences with Lab	3 - 4	GEO 1011 or ENV 1111 Course can fulfill CU Denver Core Natural/Physical Science with lab	
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	BIO 1111 and 1112 or CHE 1111 and 1112 Courses can fulfill CU Denver Core Natural/Physical Science with lab Students considering the MS in ENVS should complete both sequences.	
Minimum Applicable Transfer Credits Recommended:	60	Students completing less than 60 applicable transfer credits will have additional credits to complete at CU Denver. Students needing general elective credits should consult a CU Denver CLAS Academic Advisor.	

*The applicability of Guaranteed Transfer (GT Pathways) courses to specific CU Denver Core Curriculum requirements requires completion of a block of five courses: two GT-AH courses; one GT-HI course; one GT-SS course; and one additional GT-AH, GT-HI, or GT-SS course.



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SAMPLE PLAN – COURSEWORK TO BE COMPLETED AT CU DENVER

Based on successful completion of 60 applicable transfer credits <u>and</u> the complete "bucket" of requirements outlined above, students would have the following remaining to complete at CU Denver. At CU Denver, students must tailor this plan based on the evaluation of previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit), course availability, individual preferences related to course load, summer term courses, part-time or full-time student status, or add-on programs such as minors or double-majors.

Note: this plan assumes students have completed the CLAS Second Language proficiency requirement. Students must demonstrate second language proficiency through a 2nd semester college-level course equivalent (e.g., SPA 1012 or ASL 1122) with a C- or higher, satisfactory proficiency testing (CU Denver Department of Modern Languages Placement Testing, BYU FLATS, CLEP), or submitting their high school transcript demonstrating completion of a 2nd year (Level II) high school course with a minimum grade of "C-" (1.7) in the 2nd semester of the 2nd year or later. Students may have additional options to fulfill this requirement and should consult a CU Denver CLAS Academic Advisor. **Students who have not fulfilled this requirement must work with a CU Denver CLAS Academic Advisor to modify this plan.**

hree	Fall	CRS
	GEOG 2080	3
	GEOG Upper-Division Elective	3
<u>ا</u> -	General Upper-Division Elective	3
Year	General Upper-Division Elective	3
	General Elective	3
	Total Credit Hours	15

Spring	CRS
GEOG 3412	3
GEOG 4265 PE	3
GEOG 3232 PE	
Quantitative Methods course	
General Elective	
Total Credit Hours	15-16

Year Four	Fall	CRS
	GEOG 4020 PE	3
	Upper-Division BIOL/CHEM Course	3-5
	CU Denver Core Cultural Diversity	3
	General Upper-Division Elective	3
	General Elective	3
	Total Credit Hours	15-17

Spring	
GEOG Geo-Spatial Analysis Course	
GEOG Upper-Division Elective	
GEOG Upper-Division Elective	
General Upper-Division Elective	
General Elective	
Total Credit Hours	

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