

Geography Major – Bachelor of Arts (B.A.) Degree (45 quarter hours)

1. Geography required courses (28 quarter hours)

GEOG 1410 People, Places, and Landscapes	4 qtr hrs	Fall, Winter, Spring
<i>One of the following 3-course sequences:</i>		
GEOG 1201, 1202, 1203 Environmental Systems	12 qtr hrs	Fall, Winter, Spring
GEOG 1216, 1217, 1218 Our Dynamic Earth	12 qtr hrs	Fall, Winter, Spring
GEOG 1264, 1265, 1266 Global Environmental Change	12 qtr hrs	Fall, Winter, Spring
GEOG 2020 Cartography	4 qtr hrs	Twice a year
GEOG 2100 Introduction to GIS	4 qtr hrs	Twice a year
GEOG 2000 Geographical Statistics	4 qtr hrs	Twice a year
*GEOG 2990: Professional Development for Geography & Environmental Science	0 qtr hrs	Spring

Note: GEOG 1410, 1201-03, 1216-18, 1264-66 classes can count towards Common Curriculum requirements

2. Geography Electives (17+ quarter hours) A minimum of 17-quarter hours (2000 or 3000 level) of elective courses must be taken from the following list of courses, and must include one physical (P), one human (H), and one GIScience (G) course.

GEOG 2030	H/P	Field Methods+	GEOG 3445	H	Sustainability and Transportation *
GEOG 2401	H	The Human Population #	GEOG 3500	P	Reconstructing Quaternary Environments*
GEOG 2410	H	Economic Geography *	GEOG 3510	P	Biogeography *
GEOG 2420	H	Geography of Tourism *	GEOG 3520	P	Geography of Soils *
GEOG 2430	H	World Cities +	GEOG 3560	P	Fluvial Geomorphology *
GEOG 2500	H/P	Sustainability and Human Society #	GEOG 3600	P	Meteorology *
GEOG 2550	H/P	Current Issues in Sustainability #	GEOG 3610	P	Climatology *
GEOG 2700	H/P	Contemporary Environmental Issues #	GEOG 3630	P	Dendroclimatology *
GEOG 2750	P	Paleoenvironmental Field Methods #	GEOG 3720	H/P	Mountain Environments & Sustainability *
GEOG 2810	H/P	Geography of Latin America *	GEOG 3750	H/P	Topics in Human/Environment Interactions +
GEOG 2850	H/P	Geography of Europe +	GEOG 3755	H	Geography of Health #
GEOG 3000	G	Advanced Geographic Statistics #	GEOG 3800	H/P	Geography of Colorado *
GEOG 3010	G	Geographic Information Analysis #	GEOG 3830	P	Natural Resource Analysis & Planning +
GEOG 3100	G	Geospatial Data *	GEOG 3870	H/P	Water Resources and Sustainability *
GEOG 3110	G	GIS Modeling +	GEOG 3890	H/P	Ecological Economics *
GEOG 3130	G	GIS Programming with Python#	GEOG 3920	G	Remote Sensing Seminar +
GEOG 3140	G	GIS Database Design #	GEOG 3955	P	Pollen Analysis Seminar *
GEOG 3200	G	Remote Sensing	<u>ENVI and GEOL courses</u>		
GEOG 3230	G	Advanced Remote Sensing *	ENVI 2660	P	Natural History – Sonora & Baja #
GEOG 3300	H	Cultural Geography +	ENVI 3000	H/P	Environmental Law #
GEOG 3310	H/P	Culture/Nature/Econ-Human Ecology #	ENVI 3550	H/P	Environmental Issues – Colorado +
GEOG 3340	H/P	Geographies of Migration +	GEOL 2020	P	Historical Geology *
GEOG 3350	H	Qualitative Methods in Geography *	GEOL 2400	P	Geology and Ecology of the SW #
GEOG 3400	H	Urban Landscapes #	GEOL 2800	P	Geology of National Parks +
GEOG 3410	H/G	Urban Applications of GIS *	GEOL 3010	P	Process Geomorphology (GEOG 3910) *
GEOG 3420	H	Urban & Regional Planning #	GEOL 3100	P	Environmental Geology *
GEOG 3425	H	Urban Sustainability *	GEOL 3520	P	Erosion Process and Management +
GEOG 3440	H	Urban Transportation Planning *	GEOL 3540	P	Hydrology *

= offered every year * = offered every other year + = offered occasionally

Notes: Other Geography courses not listed here may count towards elective credits. Grades must be C- or above. No more than 5 quarter hours taken as Independent Study or Independent Research will be counted towards the minimum hours required in the major. Students majoring in Geography may not also major in Environmental Science.

3. University Common Curriculum (48 quarter hours)

First Year Seminar	4 qtr hrs	<u>Quarter offered</u> Fall
First Year Writing and Rhetoric	8 qtr hrs	Winter, Spring
Foreign Language	12 qtr hrs	Fall, Winter, Spring
Analytical Inquiry-Natural/Physical World	4 qtr hrs	Variable
Analytical Inquiry-Society and Culture	8 qtr hrs	Variable
Scientific Inquiry-Society and Culture	8 qtr hrs	Variable
Advanced Seminar	4 qtr hrs	Variable

4. Minor (20+ quarter hours) You are required to also have a minor degree from any area of concentration at the university (this requirement is waived if you have a double major). As a GEOG major, you cannot minor in GISc. Courses taken for minors, such as Sustainability or Environmental Science, cannot double count towards your GEOG major.

5. Minimum quarter hours required for a Univ. of Denver BA is 183; 75 hours must be upper-level (2000 or 3000). Any credits beyond 60 credit hours **within the same department** will not apply towards graduation.