

Geography, B.S.

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Requirements

Geography is the study of the earth's places, peoples, environments and their interrelationships from both the physical and social science perspectives. Geographers use many different scientific tools to study the relationships between earth's systems including geospatial technology and are employed in public agencies, local governments, federal offices, technology sectors, business planning, and careers related to spatial planning. The Bachelor of Science in Geography provides students with a program of study in the fundamentals of geography and prepares them to succeed as geographers as well as in many other careers related to geography. Students learn theories and methods of analysis related to land use and land cover change, urbanization, sustainability, human-environment interactions, and Geographic Information Systems (GIS) technology through the core courses of the program. Through elective courses, students can choose to further focus their studies on physical sciences, social sciences, and/or geospatial techniques to meet their career goals.

Total Program Credits: 120

General Education Requirements:			36 Credits
	ENGL 1010	Introduction to Academic Writing	3
or	ENGL 1005	Literacies and Composition Across Context (5)	
	ENGL 2010	Intermediate Writing Academic Writing and Research	3
	MATH 1050	College Algebra	4
or	MATH 1055	College Algebra with Preliminaries (5)	
Complete the following:			3
	HIST 2700	US History to 1877 (3)	
and	HIST 2710	US History since 1877 (3)	
	HIST 1700	American Civilization (3)	
	HIST 1740	US Economic History (3)	
	POLS 1000	American Heritage (3)	
	POLS 1100	American National Government (3)	
Complete the following:			
	PHIL 2050	Ethics and Values	3
	HLTH 1100	Personal Health and Wellness	2
or	EXSC 1097	Fitness for Life (2)	
Distribution Courses			
	METO 1010	Introduction to Meteorology	3
or	GEO 1010	Introduction to Geology (3)	
	GEOG 1000	Introduction to Physical Geography	3
	GEOG 130G	Survey of World Geography	3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Biology		3
Discipline Core Requirements:			84 Credits
	GEOG 140G	Introduction to Human Geography	3

	GEOG 2000	Sustainability and Environment	3
	GEOG 3110	Urban Geography WE	3
	GEOG 3200	Geography of Utah	3
	GEOG 3500	Geomorphology WE	4
or	GEOG 3300	Biogeography (4)	
	GEOG 3600	Introduction to Geographic Information Systems	4
	GEOG 3650	Advanced Geographic Information Systems	4
	GEO 480R	Earth Science Seminar (taken twice)	1
	STAT 2040	Principles of Statistics	4
Select 12 credits from the following physical and life science courses ¹			12
	GEOG 1005	Introduction to Physical Geography Lab (1)	
	GEOG 3300	Biogeography (4)	
or	GEOG 3500	Geomorphology WE (4)	
	GEOG 3400	Environmental Remote Sensing (3)	
	GEOG 3700	Wetland Studies (3)	
and	GEOG 3705	Wetland Studies Laboratory (1)	
	BIOL 3700	General Ecology (3)	
	ENVT 2730	Introduction to Soils (4)	
	ENVT 3790	Hydrology I WE (4)	
	ENVT 3800	Energy Use on Earth (3)	
	ENVT 4790	Hydrology II (4)	
	GEO 1010	Introduction to Geology (3)	
and	GEO 1015	Introduction to Geology Lab (1)	
	GEO 3080	Earth Materials WE (3)	
and	GEO 3085	Earth Materials Laboratory (1)	
	GEO 3200	Geologic Hazards (3)	
	GEOG 4100	Geospatial Field Methods (3)	
	METO 3100	Climate and the Earth System (3)	
Select 12 credits from the following social science classes ¹			12
	GEOG 2100	Geography of the United States (3)	
	GEOG 2500	Geography of Latin America and the Caribbean (3)	
	GEOG 3010	Economic Geography (3)	
	GEOG 3250	Cultural Geography (3)	
	GEOG 3350	Geography of Africa (3)	
	GEOG 3430	Political Geography (3)	
	GEOG 3800	Environmental History of the United States (3)	
	SOC 3520	Environmental Sociology (3)	
or	ENST 3520	Environmental Sociology (3)	
	SOC 4020	Survey Research Design (3)	
or	ANTH 3850	Ethnographic Methods WE (3)	
	ENST 3000	Introduction to Environmental Studies (3)	

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	ENVT 3750	Land Use Planning (3)	
	ENVT 3770	Natural Resources Management (3)	
	ENVT 3850	Environmental Policy (3)	
Elective Requirements:			31 Credits
Choose any classes from the following list or any classes from the following prefixes: GEOG, GEO, ENVT, ENST, AIST, ANTH, SOC, BIOL, CHEM, PHYS, NSS, HIST, GIS, MATH, STAT, CS.			
	AIST 327G	Indians of Utah (3)	
	HIST 384G	American Indian History since 1890 (3)	
	GEOG 482R	GIS Internship (1)	
	GEOG 489R	Student Research in Geography (1)	
	ANTH 3150	Culture Ecology and Health (3)	
	ANTH 3300	Culture Development and International Aid (3)	
	ANTH 3660	Globalized Society (3)	
	BIOL 2500	Environmental Biology (3)	
	CHEM 1210	Principles of Chemistry I (4)	
	CHEM 1215	Principles of Chemistry I Laboratory (1)	
	CHEM 1220	Principles of Chemistry II (4)	
	CHEM 1225	Principles of Chemistry II Laboratory (1)	
	ENGL 373R	Literature of Cultures and Places (3)	
	ENVT 1110	Introduction to Environmental Management (3)	
	ENVT 2560	Environmental Health (3)	
	ENVT 3600	Appropriate Technology and Sustainable Development for the Developing World (3)	
	GEO 1220	Historical Geology (3)	
	GEO 2070	Desert Natural History (3)	
	GEO 3000	Environmental Geochemistry (3)	
	GEO 3100	Isotope Geochemistry (3)	
	GEO 3700	Structure and Tectonics (4)	
	GEO 4500	Sedimentary Geology (4)	
	MATH 1060	Trigonometry (3)	
	MATH 1210	Calculus I (5)	
	PHIL 3530	Environmental Ethics (3)	
	PHYS 2010	College Physics I (4)	
or	PHYS 2210	Physics for Scientists and Engineers I (4)	
	PHYS 2020	College Physics II (4)	
or	PHYS 2220	Physics for Scientists and Engineers II (4)	
	SOC 2370	Sociology of Gender (3)	
	SOC 3030	Social Research Methods (3)	
	SOC 320G	Race and Minority Relations (3)	
	SOC 3690	Internet and Society (3)	

	SOC 3850	Rural Life--Global and Local (3)	
	STAT 2050	Introduction to Statistical Methods (4)	
	STAT 2060	Introduction to Statistical Computing (1)	
	STAT 3040	Probability and Statistics for Engineering and the Sciences (3)	

Graduation Requirements:

1. Completion of a minimum of 120 semester credits, including 40 hours of upper-division credit.
2. Overall grade point average of 2.0 (C) or above.
3. Grade of C- or better in every ENVT, GEO, GEOG, METO, and core curriculum course.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Successful completion of at least one Global/Intercultural course.

Footnote

¹You need at least 40 hours of upper division credit to graduate. Work with your advisor to make sure you are meeting the 40 credits of upper division requirement.

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Graduation Plan**

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Semester 1	Course Title	Credit Hours
<i>GEOG 1000</i>	Introduction to Physical Geography and Laboratory	3
<i>GEOG 1005</i>	Introduction to Physical Geography Lab	1
<i>MATH 1050</i>	College Algebra	4
<i>ENGL 1010</i>	Introduction to Academic Writing	3
American Institutions	See List	3
	Semester total:	14
Semester 2	Course Title	Credit Hours
GEOG 130G	Survey of World Geography	3
ENGL 2010	Intermediate Writing – Humanities/Social Sciences	3
HLTH 1100	Personal Health and Wellness	2
or EXSC 1097	or Fitness for Life	
METO 1010	Introduction to Meteorology	3
PHIL 2050 or 205G	Ethics and Values	3
	Semester total:	14
Semester 3	Course Title	Credit Hours
GEOG 3600	Introduction to Geographic Information Systems	4
STAT 2040	Principles of Statistics	4
GEOG 3200	Geological Hazards	3
or GEOG 140G	or Introduction to Human Geography	
GEOG 2000	Sustainability and Environment	3
	Semester total:	14
Semester 4	Course Title	Credit Hours
Humanities Distribution	See List	3
Biology	See List	3
Core Elective		3
GEOG 3650	Intro to Geographic Information Systems	4
Fine Arts Distribution	See List	3
	Semester total:	16

Semester 5	Course Title	Credit Hours
GEO 480R	Earth Science Seminar	0.5
GEOG 3110	Urban Geography WE	3
Core Elective		3
Core Elective		3
Core Elective		3
Core Elective		3
	Semester total:	15.5
Semester 6	Course Title	Credit Hours
GEOG 3500	Geomorphology WE	4
Core Elective		4
Core Elective		4
Core Elective		3
	Semester total:	15
Semester 7	Course Title	Credit Hours
GEO 480R	Earth Science Seminar	0.5
Core Elective		4
Core Elective		4
Core Elective		4
Core Elective		3
	Semester total:	15.5
Semester 8	Course Title	Credit Hours
Core Elective		3
Core Elective		3
Core Elective		3
Core Elective		4
Core Elective		3
	Semester total:	16
	Degree total:	120