

GEOGRAPHY (B.S.)

This program is offered through the College of Science (<https://catalog.uidaho.edu/colleges-related-units/science/>). Students must earn a grade of 'C' or better in all Geography courses. Required course work includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/>)) and:

Code	Title	Hours
ENGL 313 or ENGL 317	Business Writing Technical Writing	3
GEOG 100 & 100L	Physical Geography and Physical Geography Lab	4
GEOG 165	Human Geography	3
GEOG 200	World Regional Geography	3
GEOG 313	Global Climate Change	3
GEOG 385	GIS Primer	3
GEOG 390	Cartographic Design & Geovisualization	3
GEOG 493	Senior Capstone in Geography	3
STAT 251	Statistical Methods	3
Select one of the following:		3-4
MATH 143	College Algebra	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
MATH 175	Calculus II	
Select 3 credits from the following in human geography:		3
GEOG 260	Introduction to Geopolitics	
GEOG 330	Urban Geography	
GEOG 345	Global Economic Geography	
GEOG 350	Geography of Development	
GEOG 360	Population Dynamics and Distribution	
GEOG 365	Political Geography	
Select 3 credits from the following in physical geography:		3
GEOG 301	Meteorology	
GEOG 317	Tree Rings and Environmental Change	
GEOG 401	Climatology	
GEOG 410	Biogeography	
GEOG 430	Climate Change Ecology	
Select one course from the following in human-environment interactions:		3
GEOG 420	Land, Resources, and Environment	
GEOG 435	Climate Change Mitigation	
GEOG 455	Societal Resilience and Adaptation to Climate Change	
GEOG 488	Geography of Energy Systems	
Select 6 additional credits in Geography courses, for a total minimum number of 36 credits in Geography		6
Total Hours		46-47

Courses to total 120 credits for this degree

Students interested in obtaining more depth in any of the departmental focus areas (Geographic Information Science (GIS), spatial analysis, physical science and the environment, regional/global development)

are encouraged to discuss with their advisor recommended courses in Geography and other departments appropriate to those depth areas.

1. The ability to write clearly and to verbally explain problems and issues in geographic science and related human and environmental topics in an effective manner and with supportive visual and statistical materials.
2. The ability to understand empirical research reports and most methodology in the science of geography and related fields.
3. The ability to use GIS to map and analyze spatial patterns and relationships in a wide variety of data types.
4. The ability to use basic statistics and data analysis for constructing models of cause and effect.
5. The ability to design research methods to both problem-solve and to provide sound analysis for addressing practical and policy related questions.