

Geography

Program Coordinator

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Welcome to Geography at Minot State University! Geography is an exciting subject that studies both human and natural phenomena and the interaction and relationship between the two. Studying geography can help you develop a spatial perspective of the world and help you recognize the interconnectedness of various human and physical elements on planet Earth. At MSU, we offer a minor and concentration in geography with courses in human geography, physical geography, and GIS.

MSU Geography web pages (<https://www.minotstateu.edu/geography/>)

Geography Minor (Non-Teaching)

Required Courses (6 cr)

GEOG 110	Introduction to Geography	3
GEOG 161	World Regional Geography	3
Elect five 200-400 level GEOG courses		15
Total Hours		21

Geography Minor (Teaching)

Required Courses (9 cr)

GEOG 110	Introduction to Geography	3
GEOG 161	World Regional Geography	3
SS 391	Secondary History/Social Science Teaching Methods	3
Elect five 200-400 level GEOG courses		15
Total Hours		24

Geography Concentration

Required Courses		6
GEOG 110	Introduction to Geography	
GEOG 161	World Regional Geography	
Elect two 200-400 level GEOG courses		6
Total Hours		12

Certificate in Geographic Information System

The Geographic Information System (GIS) certificate focuses on spatial analysis, spatial data management, and cartographic design. Students are also introduced to spatial statistics and programming using Python. This certificate prepares students for a career using GIS and typically can be completed within two to four semesters.

Required Courses		
GEOG 289	Introduction to GIS	3
GEOG 329	Applied GIS	3
Elective Courses (choose 2)		
DATA 211	Applied Statistics and Data Visualization	4
DATA 240	Programming for Data Science	4
GIS elective approved by Geography Coordinator		3-4