Geography Minor Requirements

The Geography Minor instills in students a spatial perspective on the processes and problems that operate at varying geographic scales. Through courses in physical and human geography, and in geographic techniques, students will be able to synthesize and integrate concepts and techniques needed to address the important issues facing the world today. The Geography Minor expands employment opportunities in business and education, and with governmental and non-governmental agencies.

Program requirements: 18 credits. The final GPA requirement for the Environmental Geography Minor is 2.0. Geography majors are not eligible for this minor.

Required Geography Minor Core Courses – 6 credits

GEOG 10 Planet Earth Users' Guide: Introduction to Physical Geography (3 credits)

GEOG 20 Our Human Earth: Introduction to Cultural Geography (3 credits)

Technique Course – 3 credits

Choose one.

GEOG 274 Introduction to Geographic Information System and Lab (3 credits)

GEOG 330 Cartography (3 credits)

GEOG 333 Advanced Geographic Information Systems (3 credits)

GEOG 343 Land Use Planning (3 credits)

GEOG 347 Remote Sensing of the Environment / Lab (3 credits)

GEOG 375 Research Methods in Geography (3 credits)

Geography Electives – 9 credits

Only one regional course is acceptable in this section. At least one course must be at the 200-level or above. Choose three.

Cultural Geography Courses

GEOG 210: Environmental Conservation (3 credits)

GEOG 225: Spaces of Globalization (3 credits)

GEOG 335: Political Geography (3 credits)

GEOG 338: Geography of Population (3 credits)

Physical Geography Courses

GEOG 204: Meteorology Lecture / Lab (3 credits)

GEOG 212: Geography of Natural Hazards (3 credits)

GEOG 304: Weather Analysis Lecture / Lab (3 credits)

GEOG 322: Climatology (3 credits)

GEOG 323: Global Warming & Science of Climate Change (3 credits)

Economic Geography Courses

GEOG 220: Economic Geography (3 credits)

GEOG 223: Introduction to Transportation Geography (3 credits)

GEOG 225: Spaces of Globalization (3 credits)

GEOG 310: Urban Geography (3 credits)

Geographic Technique Courses

GEOG 274: Introduction to GIS Lecture / Lab (3 credits)

GEOG 330: Cartography (3 credits)

GEOG: 333 Advanced GIS (3 credits)

GEOG: 343 Land Use Planning (3 credits)

GEOG: 347 Remote Sensing Lecture / Lab (3 credits) GEOG: 375 Research Methods in Geography (3 credits)

Regional Geography Courses

GEOG: 101 World Regional Geography (3 credits)

GEOG: 110 Geography of United States and Canada (3 credits)

GEOG: 112 Geography of Pennsylvania (3 credits)

GEOG: 120 Geography of Sub-Saharan Africa (3 credits)

GEOG: 140 Geography of Europe (3 credits)

Program Plan Code: GEOG Effective Date: Spring 2023

Student Name: Student ID Number:

This check sheet provides a mechanism for students and advisors to keep track of a student's progress in the program. Please refer to the program requirements for more details regarding options.

Note that all students must achieve 120 undergraduate credits and a minimum 2.0 overall GPA to graduate. Program credits: 18 credits. The final GPA requirement for the Environmental Geography Minor is 2.0. Geography majors are not eligible for this minor.

Required Geography Minor Courses - 6 credits

GEOG 10: Planet Earth Users' Guide: Introduction to	3 credits	Grade:
Physical Geography		
GEOG 20: Our Human Earth: Introduction to Cultural	3 credits	Grade:
Geography		
Total Credits	6 total credits	

Technique Course-3 credits

Course 1	3 credits	Grade:
Total Credits	3 total credits	

Geography Electives – 9 credits

Course 1	3 credits	Grade:
Course 2	3 credits	Grade:
Course 3	3 credits	Grade:
Total Credits	9 total credits	

Program Plan Code: GEOG Effective Date: Spring 2023