

Geography as a Minor

Geography is the study of the earth as the human home. Geography courses are designed for undergraduate students taking the minor to fulfill academic and career objectives. The minor will enable students to become familiar with the major concepts in geography as well as the people, places, and cultures as they are found in various regions of the world. Students will also learn about physical processes that frame the planet earth. Up to two courses in the sub-field Geographic Information Systems (GIS) may be included in the minor. This sub-field will equip students for a wide range of challenging professional careers in social science, urban land use planning as well as employment with city, state, and federal governments. The minor can support majors in social sciences, education, life sciences, journalism, history, and technology.

The minor in geography requires 18 hours of geography, 12 of which must be at the upper division.

Courses Offered:

GEOGRAPHY (GEOG)

GEOG 1313: World Regional Geography
[TCCN: GEOG 1303]

Analyzes cultural patterns in terms of physical, locational, social and economic processes. World regions are described and compared.

GEOG 3320: Physical Geography

Provides students the opportunity to acquire a general understanding of physical systems that affect the environment. Relationships among climate, landforms, soils and vegetation will be presented in a geographical perspective.

GEOG 3325: North American Geography

Landscapes of the United States and Canada will be surveyed through a regional approach with emphasis on land use patterns, population dynamics, resources and spatial interactions.

GEOG 4310: Geography of Europe

A regional analysis of the geographic features of Europe which have affected its history and culture such as the physical landscape, climatology, and built environment. This course includes a geographic study of cities, ethnic relations and disputes, geolinguistics and politics, demography, industry, and history.

Prerequisite: GEOG 1313 or CI.

GEOG 4330: Geographic Information Systems

Fundamentals of geographic information systems, including data capture, storage, processing, and output. Applications to various problems in the natural and social sciences. Extended computer access fee \$20. Equipment fee \$15.

GEOG 4360: Cartography and Remote Sensing

Map interpretations and construction and applications of geographic information systems and remote sensing methods. **Prerequisite:** three hours of geography or consent of instructor.

GEOG 4365: Topics in Geography

Studies in geography to include such topics as historical geography, economic geography, and cultural geography. May be repeated once for credit when topic varies.

GEOG 4199-4699: Independent Study

Independent study in specific areas of Geography not covered by organized undergraduate courses. A maximum of six credit hours for independent study course may be applied toward an undergraduate degree. **Prerequisite:** Consent of department chair required.