Geography Minor

Total of 19 credits

Description:
In this program you will be given an introduction to the discipline of the four pillars of geographical practice that best prepares you for your career goals. A geography minor is designed to supplement geographical content useful to other majors, and will enhance the knowledge of students in both the social and life sciences.

Required Courses (13 credits) and course numbers:

Geography 100 Physical Geography (3 credits) - Natural environment; nature, distribution, and relationships of climate, landforms, oceans, vegetation, hydrography, and soils.

Geography 100L Physical Geography Lab (1 credit) - Natural and Applied Sciences lab to correspond with the lecture.

Geography 165 Human Geography (3 credits) – Intro to geographical dimension in human behavior and how this is evident in population distribution, rural and urban land use, and social, economic, and political attributes of societies.

Geography 200 World Regional Geography (3 credits) – Countries, regions, and peoples of the world; interrelationships between humans and their physical and cultural environments.

Geography 385 GIS Primer (3 credits) – Intro to basic concepts and applications of geographic information systems (GIS), lab exercises on PC-based GIS packages.

Choose two of the following electives: (6 credits)

- **Human Geography elective:**
  - Introduction to Geopolitics 260; Urban Geography 330; Global Economic Geography 345; Geography of Development 350; Population Dynamics and Distribution 360; Political Geography 365.

- **Physical Geography elective:**
  - Meteorology 301; Climatology 401; Global Climate Change 313; Dendrochronology 317; Biogeography 410; Global Change Ecology 430; Geomorphology GEOL 335.

- **Human-environment geography elective:**
  - Land Resources, and Environment 420; Climate Change Mitigation 435; Societal Resilience and Adaptation to Climate Change 455; Geography of Energy Systems 488.

- **Geospatial methods elective:**
  - Cartography & Geovisualization 390; Spatial Analysis and Modeling 407; Hydrologic Applications of GIS and Remote Sensing 424; Intermediate GIS 475; GIS Programming 479; Socioeconomic Applications of GIS 414.

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