GEOGRAPHY (GEOG)

GEOG 201 Cultural Geography 3 Credit Hours
Overview of the major components of culture such as language, religion, agriculture, settlement patterns, and related landscape features in a spatial context. Emphasis on how various cultures perceive and interact with the environment. (F).

GEOG 203 Weather and Climate 3 Credit Hours
The controls and conditions of Earth's weather and climate including atmospheric circulation, precipitation processes, severe weather, climatic regions, and climatic change. (F).

GEOG 204 Landforms 3 Credit Hours
Processes and agents that shape the landscapes and landforms of the Earth's surface. The discussion of landforms is divided into two parts: (1) constructive processes and their spatial distribution and (2) gradational processes and their spatial distribution. (W).

GEOG 205 Geography of the United States 3 Credit Hours
A regional analysis of the United States that stresses the difference in the physical elements of landscapes that explain differences in economic development, cultural attainment, and land use and which, in turn, motivate regional interdependencies and interrelationships. (W).

GEOG 206 World Regional Geography 3 Credit Hours
World Regional Geography includes a systematic study of the world's geographic realms and regions, including Europe, Russia, Australia-New Zealand, East Asia, South Asia, Southwest Asia, N Africa, Subsaharan Africa, Middle and South America. Geographic concepts, such as map reading and spatial analysis, are first introduced. Then, the world is classified into geographic realms and regions using both physical and social criteria. Each region results from a unique interaction between the human societies and the physical environment. The physical, cultural, political, economic, and social features of each region are studied, along with any regional concerns or problems. (F).

GEOG 300 Urban Geography 3 Credit Hours
The geography of human settlement and urbanization. Particular emphasis is placed on human transformation of the physical environment, and resource use throughout history from ancient civilizations to modern megalopolises. Universal urban challenges such as sprawl, pollution, congestion, crime, poverty, etc., are addressed. (F).

GEOG 302 Mapping Our World 3 Credit Hours
Mapping our World provides an introduction to geospatial techniques and the important roles spatial data play in today's world. This course introduces the students to basic concepts of geographic information systems, remote sensing, and cartography. A focus of the course is on map analysis and map design. (F).

GEOG 305 Intro to GIS 4 Credit Hours
The basic elements of geographic information systems, map interpretation and map design. Principles and methods of spatial data collection, analysis, and display are introduced. (W) Prerequisite(s): GEOG 302 Corequisite(s): GEOG 305L

GEOG 305D Intro to GIS & Cartography Dis 0 Credit Hours
Required discussion session for GEOG 305. Corequisite(s): GEOG 305

GEOG 307 Geography of Western Europe 3 Credit Hours
An analysis of the strengths, weaknesses, interrelationships, and interdependence of selected countries of this economically advanced region. (OC).