**GEOGRAPHY (GEOG)**

**GEOG 101** - World Regional Geography (3 Credits)
An appreciation of spatial patterns in the distribution of physical and human characteristics of the major regions of the world.

**GEOG 102** - Introduction to Human Geography (3 Credits)
An examination of the spatial patterns in human society and their impact on the evolution of past and present landscapes.

**GEOG 110** - Introduction to Weather and Climate (4 Credits)
Foundational concepts of physical geography. Concentration on weather, climate, and world vegetation regions. Laboratory.

**GEOG 111** - Landform Processes (4 Credits)
Survey of the processes, both tectonic and climatic, that shape the earth's surface. Laboratory.

**GEOG 200** - Topics in Geography (1-4 Credits)
Lecture class dealing with a pre-selected topic of current interest. May include laboratory. (May be repeated for credit with change of topic)

**GEOG 221A** - Geography of Eastern North America (3 Credits)
Regional geography of the eastern United States and Canada, stressing similarities and differences in land, life, and livelihood.

**GEOG 222A** - Geography of Western North America (3 Credits)
Regional geography of the western United States and Canada, stressing similarities and differences in land, life, and livelihood.

**GEOG 231** - Introduction to Planning (3 Credits)
A survey of basic concepts, laws, and methods used in city and regional planning, illustrated with case studies.

**GEOG 236** - Globalization and Local Development (3 Credits)
A geographic analysis of the history and current conditions of the world-economy focusing on location theory, globalization, and community economic development.

**GEOG 237** - Cities (3 Credits)
An exploration of the complexities and contradictions of city life and urban processes. Includes an introduction to theories and debates about the economic, political, environmental, and cultural roles and meanings of cities and instruction in basic research methods used by urban researchers.

**GEOG 240** - Natural Hazards (3 Credits)
Prerequisite: GEOG 110 or permission of instructor. The study of natural hazards - to exclude disasters caused by technological or entirely human construct - from a geographic perspective. After an introduction to the theoretical background to hazards research, individual hazards will be described from the standpoint of physical processes, risk factors, vulnerability of populations in both more and less developed countries, operable mitigation measures and current levels of protection and preparedness. Case studies and numerous examples will clarify these points.

**GEOG 241** - Biogeography (3 Credits)
Prerequisite: GEOG 110 or permission of instructor. This course introduces biogeography, the study of the distribution of organisms through space and time, the patterns created by those distributions, and the reasons for them.

**GEOG 245** - Environment and Society (3 Credits)
A geographic survey of environmental changes caused by human activities, with emphasis given to resource exploitation, conservation, pollution, and interactions of humans with plant and animal communities.
GEOG 332 - Migration Politics in a Globalizing World (3 Credits)
This course examines the politics of movement and mobility in international migration through historical, theoretical, and comparative perspectives. We will analyze why people migrate, how different governments and publics respond to their migration, and the kinds of new social, cultural, and political spaces that their interactions create. We will discuss the contemporary debates about migration from a variety of disciplinary perspectives.

GEOG 333 - Planning Seminar (3 Credits)
Prerequisite: GEOG 231, GEOG 237 or HISP 209. This course provides an analysis of planning concepts and practices. Topics addressed include legal aspects of planning and zoning, variances, rezoning, conditional use permits, neo-traditional planning, and issues around public participation. The course emphasizes current, relevant topics and best practices for those interested in a career in planning or a related field.

GEOG 335 - Sacred Spaces (3 Credits)
An examination of the intersection of geography and religion with an emphasis on sacred spaces. The course explores how religions understand, create, and give meaning to sacred space, and includes a review of major theories and methods in the geographic study of religion.

GEOG 337 - The Nature of Cities (3 Credits)
Prerequisite: HISP 209, GEOG 231 or 237. Examination of the multiple intersections of urban and natural environments, including the role of green spaces in cities, political ecology, and environmental justice issues.

GEOG 338 - Geopolitics (3 Credits)
Prerequisite: Junior or Senior status. An analysis of power, ideology and identity in and across space. The class focuses on how geopolitical theories change over time and vary across places and introduces students to critical geopolitics.

GEOG 339A - Geography and Development (3 Credits)
An examination of the global geography of development and underdevelopment, including a review of theoretical approaches, spatial and environmental problems of development, and the geographies of colonialism.

GEOG 340B - Remote Sensing and Air Photo Interpretation (4 Credits)
Prerequisite: GEOG 250 or EESC 205 or GISC 200. Analysis of remotely-sensed images with emphasis on the interpretation of aerial photographs and the use of imagery in geographical research. Practical assignments weekly or bi-weekly.

GEOG 351A - Spatial Analysis (4 Credits)
Prerequisite: GEOG 250 or EESC 205 or GISC 200 or permission of instructor. Concepts and applications of geographic information systems (GIS). Emphasis on the use of GIS as a method for analyzing and solving geographic problems. Practical assignments weekly or bi-weekly.

GEOG 355 - Mobile Geographic Information Systems and Global Positioning Systems (4 Credits)
Prerequisite: GEOG 250 or EESC 205 or GISC 200. Concepts and techniques of field mapping using mobile GIS and GPS, including data collection and analysis. Detailed study of technology and application of global positioning systems. Requires fieldwork. Laboratory.

GEOG 360 - Geographic Study Abroad (1-6 Credits)
Travel to a foreign region where students will attend lectures, observe geographic phenomena, and participate in group discussions.