Department of Geography  
Course Offerings • Fall Semester 2016

GEOG 401, Regional Geography of the Western World, 4 credits, MWF 10:10-11:00, N104 Parsons Hall, Dr. Blake Gumprecht. Discovery: World Cultures.

This course will introduce students to the people, places, and problems of six westernized regions of the world — North America, Latin America, the Caribbean, Europe, Russia, and Australia and Oceania. Lectures will emphasize five themes: environmental geography, population and settlement, cultural geography, political framework, and socioeconomic development.

GEOG 530, Geography of China, 4 credits, MWF 11:10-12:00, 103 Morrill Hall, Dr. Tu Lan. Writing Intensive course.

The course will examine China’s diverse physical environments, politics, economies, and cultures across her vast territory. Students will learn to adopt a relational and spatial perspective to study the contemporary issues in China.

GEOG 560, Geography of Natural Hazards, 4 credits, MWF 12:10-1:00, 204 Horton Hall, Dr. Maingi Solomon. Discovery: Environment, Technology and Society.

A survey of natural hazards and their impacts on human life, property, and activities. The course will examine the natural processes that cause hazards such as earthquakes, volcanoes, tsunami, severe weather, and floods. It will consider the distribution of hazards and the human response to them. Class discussions and assignments will emphasize human perception of risk, community vulnerability and response to hazards, and how hazards vary geographically.

GEOG 574, Geography of Landforms, 4 credits, MWF 9:10-10:00, 103 Morrill Hall, Dr. Maingi Solomon. Discovery: Physical Science.

Explores the geography of earth's major landforms with a focus on their development, distribution, and form. Topics include mountain building, river systems, desert migration and expansion, glacial and periglacial environments, shoreline evolution, and topographic map interpretation. The human influence on landforming processes is a common theme.

GEOG 581, Human Geography, 4 credits, MWF 1:10-2:00, 103 Morrill Hall, Dr. Blake Gumprecht. Discovery: Social Sciences. Inquiry course.

This course is an introduction to the geography of human activity. It is intended to acquaint students with the major subject areas in human geography, including human-environment relations, population and settlement, urbanization, cultural geography, place and landscape, political geography, and economic development.

To obtain sample syllabi or contact instructors for more information  
go to http://www.unh.edu/geography/
GEOG 595, Statistics for Geographers, 4 credits, MWF 9:10-10:00, N134 Kingsbury Hall, Dr. Tu Lan.

Introduces elementary statistics to students of geography and social sciences. It is designed to help students approach introductory-level quantitative analysis using basic statistical problem-solving techniques with social and physical science data models. These elementary statistical tools and concepts will be explained during classroom lectures and proficiency obtained during practical exercises.

GEOG 650, Field Methods in Geography, 4 credits, TR 9:40-11:00, 103 Morrill Hall, Dr. Jennifer Brewer.

This course introduces geographic research methods. Includes techniques for collection of primary data about physical and human phenomena, and human-environment relationships, with emphasis on the latter. Also covers basics of research design and quantitative and qualitative data analysis.

GEOG 671, Weather Forecasting, 4 credits, TR 11:10-12:30, N134 Kingsbury Hall, Dr. Mary Stampone.

Examines in depth, the physical processes that govern the development and movement of weather systems. Topics include the relationship between surface and upper-level winds, vertical motion and pressure systems, storm development, and techniques used in weather forecasting.

GEOG 695, Internship, 1-4 credits, schedule and instructor by arrangement.

GEOG 757, Remote Sensing of Environment, 4 credits, MW 11:10-12 (plus lab), G54 James Hall, Dr. Russell Congalton.

Practical and conceptual presentation of the use of remote sensing and other geospatial technologies for mapping the environment. The course begins with the use of aerial photographs and includes measures of photo scale and area, parallax and stereo viewing, object heights, flight planning, photo geometry, the electromagnetic spectrum, camera systems, and vegetation/land cover mapping. The course concludes with an introduction to other geospatial technologies, such as image analysis, global positioning systems, and geographic information systems.

GEOG 795, Special Project, 2 or 4 credits, schedule and instructor by arrangement. Writing intensive.

GEOG 799, Honors Thesis, 4 credits, schedule and instructor by arrangement.

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