Department of Geography
Course Offerings • Fall Semester 2018

GEOG 401, Regional Geography of the Western World, 4 credits, MWF 11:10-12:00, Hamilton Smith Hall 205, Dr. Maingi Solomon. Discovery: World Cultures.
An introduction to the people, places, and problems of six Westernized regions of the world: Europe, Russia, Latin America, the Caribbean, North America, and Australia and Oceania. The course emphasizes five themes: environmental geography, population and settlement, cultural coherence and diversity, geopolitical framework, and economic and social development.

GEOG 540, Geography of the Middle East, 4 credits, OnLine. Dr. Alasdair Drysdale. Discovery: World Cultures.
Environmental, cultural, political-geographic, and ecological foundations of the Middle East. Selected regional problems and issues, e.g., geographical dimensions of the Arab-Israeli conflict, oil, urbanization, population growth, and nomadism.

GEOG 560, Geography of Natural Hazards, 4 credits, MWF 9:10-10:00, 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 572, Geography of the Natural Environment, 4 credits, TR 9:40-11:00, N334 Kingsbury, Dr. Jennifer Brewer. 3T: Technology. Discovery: Physical Science
This course introduces physical geography as the study of the natural environment. It covers Earth’s energy system, atmosphere, weather, tectonic plates, oceans, landforms, sediments and soils, glaciers, water, rivers, coasts, and living organisms. It emphasizes physical processes, including interactions across these domains.

GEOG 582, Global Trade and Local Development, 4 credits, MWF 10:10-11:00, 103 Morrill Hall, Dr. Tu Lan. Discovery: Social Science.
This course examines the ways in which global trade interacts with local development across the world. It studies the special organization of economic activities through basic approaches in economic geography. It also studies the history and contemporary state of international competition and collaboration.

GEOG 590, Field Research, 4 credits, TR 2:10-3:30, Dr. Jennifer Brewer.
Explores a range of research methods, emphasizing collection and analysis of field data to understand human-environment dynamics and/or spatial relations. Topics include ethics, sample design, surveys, interviews, participant observation, and qualitative and quantitative analyses. Students complete hands-on research activities.

To obtain sample syllabi or contact instructors for more information
go to http://www.unh.edu/geography/
GEOG 595, Statistics for Spatial Science, 4 credits, MWF 2:10-3:00, Hamilton Smith Hall, Dr. Tu Lan.
Introduces elementary statistics to students of social sciences from a spatial perspective. 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 670, Climate and Society, 4 credits, TR 11:10-12:30, N134 Kingsbury Hall, Dr. Mary Stampone. Writing intensive course.
An introduction to climate science and the interaction between humans and climate. Examines the processes that control climate and the mechanisms that drive climate variability and change. Emphasizes the influences of human activity on the climate system and the impact of climate change and extreme climatic events on society. Introduces students to the methods used to observe, monitor, and model the climate system to inform climate change mitigation and adaption strategies.

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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