GEOG 402, Regional Geography of the Non-Western World, 4 credits, TR 9:40-11, MUB Theater II, Dr. Tu Lan. General Education Foreign Culture. Discovery World Cultures.
This course examines the major non-Western culture areas of the world — Southwest Asia and North Africa, Sub-Saharan Africa, South Asia, East Asia, and Southeast Asia — and the unique integration of human and physical phenomena that produces the distinctive character of these areas. In addition, the course serves as an introduction to the discipline of geography, with its unique spatial perspective.

There are few things in nature that impact our daily lives as significantly as the weather. This introductory, physical science laboratory course covers the basic elements of earth’s weather including the scientific study of the atmosphere, basic weather forecast information, and the formation of weather systems that produce rain, snow, thunderstorms and tornadoes. The course includes a mandatory online laboratory.

GEOG 540, Geography of the Middle East, 4 credits, TR 12:10-2:00, 204 Morrill Hall, Dr. Alasdair Drysdale.
Few regions of the world seem to have been featured so prominently in the news in recent years as the Middle East, invariably in a negative context. And yet arguably most Americans are still painfully uninformed about this vitally important region, viewing it through a lens that is distorted by ignorance, fear, demagoguery, and cultural prejudice. This course aims to sharpen that lens.

GEOG 550, Geography of Sub-Saharan Africa, 4 credits, MW 2:10-3:30, 204 Morrill Hall, Dr. Maingi Solomon. General Education Foreign Culture. Discovery World Cultures.
This course is an introduction to the geography of Sub-Saharan Africa. It will provide an overview of major environmental and human features of the region and examine the dynamic issues facing African societies. Students will learn about environmental and resource issues, historical impacts on development, cultural characteristics, social organization, politics and conflict, and prospects for the future.

GEOG 572, Geography of the Natural Environment, 4 credits, MWF 1:10-2:00, 204 Morrill Hall, Dr. Jennifer Brewer. General Education 3T: Technology. Discovery: Physical Science.
This course is an introduction to the geography of the natural environment, including landforms, weather and climate, water resources, and biogeography. It will examine the processes that shape the different elements of the environment and the relationships between them.
GEOG 584, Political Geography, 4 credits, MWF 12:10-1:00, 204 Morrill Hall, Dr. Maingi Solomon. Writing intensive.
A critical survey of global conflict regarding borders, boundaries, language, religion, ethnicity, and other topics. Political geography, as presented in this course, takes a spatial approach to international politics. To balance theory, attention is focused on local, ‘on the ground’ politics, in addition to exploring regional, national, and global scale perspectives.

GEOG 588, Geography of Food, 4 credits, TR 11:10-12:30, 204 Murkland Hall, Dr. Blake Gumprecht
What people eat, the way they cook, the ingredients they use, and the culinary traditions they follow vary greatly from place to place around the world. This course will explore those differences and examine the factors that shape food traditions in particular places and regions, including geographical differences in the environment, population, culture, politics, economics, and history.

GEOG 610, The Peopling of New England, 4 credits, TR2:10-3:30, 307 Horton Hall, Dr. Blake Gumprecht
New England is often perceived as the least ethnically diverse section of the United States, populated primarily by white, Anglo-Saxon Protestants, descendants of early English settlers. That reputation is undeserved. New England has long been one of the most diverse regions in the country. This class is intended to help students develop an appreciation for the different groups who have populated the region and their influence. The course is reading based and discussion oriented.

GEOG 658, Introduction to Geographic Information Systems, 4 credits, MW 11:10-12 (plus lab), MUB Theater II, Dr. Russell Congalton.
The course introduces the concepts and applications of geographic information systems for geography, natural resources, and related fields through a series of lectures, hands-on labs, and applied homework assignments. Topics covered include data models/structures, map projections, data input/output/storage, data analysis and modeling, interpolation, and data quality/standards. The lab uses ArcGIS 10 software for hands-on exercises.

GEOG 690, Geography of Third World Development, 4 credits, TH 3:40-5:00, 204 Morrill Hall, Dr. Tu Lan
This course will assess how geography influences development and development influences geographic patterns in poor regions of the world. It will consider not only economic development that can be measured monetarily but also social development as reflected by such measures as life expectancy, educational attainment, and gender equality.

GEOG 759, Digital Image Processing for Natural Resources, 4 credits, MW 9:10-10:00 (plus lab), 133 Putnam Hall, Dr. Russell Congalton.
Introduction to digital remote sensing, including multispectral scanners (Landsat and SPOT), radar, and thermal imagery. Hands-on image processing including filtering, image display, ratios, classification, registration, and accuracy assessment. GIS as it applies to image processing. Discussion of practical applications. Use of ERDAS image-processing software.

GEOG 695, Internship, 1-4 credits, permission required. Contact Department before registering.

GEOG 795, Special Project, 2 or 4 credits, permission required. Contact Department before registering. Writing intensive.

GEOG 799, Honors Thesis, 4 credits, permission required. Contact Department before registering.
To obtain sample syllabi or contact instructors for more information go to http://www.unh.edu/geography/