GEOG 402, Regional Geography of the Non-Western World, 4 credits, TR 9:40-11:00, 205 Hamilton Smith, Dr. Tu Lan. 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.

GEOG 405, Human-Environment Geography, 4 credits, TR 11:10-12:30, Spaulding 230, Dr. Jennifer Brewer.
Introduces human-environment relations as a central focus of geography, spanning social and environmental sciences. Considers mapping, natural resource use, commons and markets, hazards, political ecology, and land use change. Case studies link core concepts with examples from local to international scales.

GEOG 473, Elements of Weather, 4 credits, MWF 10:10-11:00, 205 Hamilton Smith, Dr. Mary Stampone. Discovery: Physical Science. Discovery: Lab.
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 course component.

GEOG 550, Geography of Sub-Saharan Africa, 4 credits, MWF 12:10-1:00, Murkland 202, Dr. Maingi Solomon. Discovery: World Cultures
Overview of major physical features and human patterns, with an emphasis on the interaction between people and place and the dynamic issues and challenges facing contemporary African societies. Environmental and resource issues, historical impacts on development, culture and social characteristics, rural and urban organization, industrialization and trade, and prospects for the future.

GEOG 572, Geography of the Natural Environment, 4 credits, TR 3:40-5:00, McConnell 340, Dr. Jennifer Brewer. 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 574, Geography of Landforms, 4 credits, MWF 9:10-10:00, Hamilton Smith 108, 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 land forming processes is a common theme.
GEOG 581O.1BB, Human Geography, 4 credits, ONLINE, Dr. Alasdair Drysdale. 
Discovery: Social Sciences.
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.

GEOG 658, Introduction to Geographic Information Systems, 4 credits, MW 11:10-
12:00 (plus lab), Hamilton Smith 210; Lab: James G45, 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 686, World Economy and Globalization, 4 credits, TR 2:10-3:30,
Huddleston G10; Dr. Tu Lan. Writing intensive.
Emphasizes the spatial development of the world economy and the evolution into today's
"globalized" economy. Topical emphasis includes the processes of global economic
production changes, the role of transnational corporations, and the role of the state in
globalization.

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

GEOG 760, Geographic Information Systems in Natural Resources, 4 credits, MW
9:10-10:00 (plus lab), G54 James Hall, Dr. Russell Congalton.
Theory, concepts, and applications of geographic information systems (GIS) for use
in natural resources and related fields. Discussion of the issues related to geographic
information science as well as database structures, sources of data, spatial data
manipulation/analysis, and data quality standards and assessment. Some basic knowledge
of GIS is assumed. Hands-on exercises with ArcGIS 10 including a lab project.

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/