GEOG 401, Regional Geography of the Western World, 4 credits, MWF 10:10-11, PCAC A218, Dr. Blake Gumprecht. General Education 5: Foreign Culture. 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 514, Geography of the United States and Canada, 4 credits, MWF 1:10-2, 204 Morrill, Dr. Blake Gumprecht.
This course will introduce students to the physical and human geography of the United States and Canada. Roughly equal attention will be devoted to landforms, climate and biogeography, environmental issues, population and settlement, culture and identity, political geography, urban patterns, natural resources, and economic development. Course content will alternate between topics that are large in scope and scale, and others that are more narrowly focused.

GEOG 560, Geography of Natural Hazards, 4 credits, MWF 12:10-1, 207 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 12:40-2, 204 Morrill Hall, Dr. Jennifer Brewer. General Education 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.

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.

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This course will provide an introduction to human geography, which examines human-environment interactions, the meaning of place, the significance of location, processes of regionalization, the movement of people, goods and ideas, the interactions and connections between places, and variations in the spatial distribution of humans and their cultural, economic and other activities.

GEOG 582, Economic Geography, 4 credits, MWF 11:10-12, 204 Morrill Hall, Dr. Tu Lan. General Education 8: Social Science. Discovery: Social Science. Writing intensive course.
This course examines the location, distribution, and spatial organization of economic activities across the planet. Economic geography will be approached with an emphasis on historical development, recent theoretical traditions, and current trends and patterns in economic geography research. Particular attention will be directed toward the political economy and uneven development. Beyond history and theory, students will be challenged to comprehend their place, and that of others, in the current global economy at scales from local to global.

GEOG 670, Climate and Society, 4 credits, TR 11:10-12:30, N134 Kingsbury Hall, Dr. Mary Stampone.
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 673, Issues in Environmental Geography, 4 credits, TR 3:40-5, G18 Murkland Hall, Dr. Jennifer Brewer. Writing intensive course.
This course considers contemporary environmental issues from a geographic perspective. Topics may include human population, fossil fuels, energy alternatives, climate change, mining, fisheries, food systems, cities and suburbs, environmental justice, local knowledge, scientific decision support, and activism.

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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