

# Spring 2018 Geography Courses

<p>GEOGRAPH 102</p> <p><b>Diversity, Globalization, &amp; Sustainability: Introduction to Human Geography</b></p>	<p>A wide-ranging introduction to the ways people shape the world they live in. We will study the themes and concepts of human geography through the current issues and large questions which guide them. Lectures and reading will focus on the geographic aspects of cultural diversity, population issues, states vs. nations, the global economy, development, urbanization and the human transformation of the earth. We will cover major subdivisions of human geography including cultural geography, population geography, economic geography, social geography, urban geography and political geography. (Gen.Ed. SB, G)</p>
<p>GEOGRAPH 200</p> <p><b>Geography of the U.S. and Canada</b></p>	<p>Geographic survey of the peoples, landscapes and environments of the U.S. and Canada, with case studies of current and past issues.</p>
<p>GEOGRAPH 220</p> <p><b>World Regional Geography</b></p>	<p>Survey of world physical and human geography, highlighting regional diversity and variation in globalization processes and outcomes. Introduces geographical theories, concepts, and methods while exploring nine major world regions. (GenEd SB, G)</p>
<p>GEOGRAPH 314</p> <p><b>Writing in Geography</b></p>	<p>"Writing in Geography" is a core course for Geography majors. The course three two objectives: (1) to introduce geography majors to the academic and professional practices of geography beyond the introductory level, (2) to assist geography majors in developing research, writing and presentation skills, and (3) to help geography majors prepare for their career and job search. These objectives fulfill the university and departmental requirements for a "junior year writing course." The course will involve short writing exercises and longer-term research and writing projects. These projects will involve not only research and writing, but also editing and re-writing.</p>
<p>GEOGRAPH 352</p> <p><b>Computer Mapping</b></p>	<p>Mapping projects through the use of software mapping packages. Students select their own final projects.</p>
<p>NRC 393GIS</p> <p><b>Introduction to GIS</b></p>	<p>"GIS 1" This course introduces fundamental concepts and methods of geographic information system. Emphasis on developing skills using GIS to solve typical spatial problems in the geosciences and environmental sciences.</p>
<p>GEOGRAPH 468</p> <p><b>GIS and Spatial Analysis</b></p>	<p>"GIS 2" This course is an extension of introductory GIS, with a focus on spatial data analysis. This course is organized by topics such as geocoding, census data analysis, raster-based watershed data analysis, and spatial statistics. Modeling skills using model builder will be introduced. Emphasis on developing skills using GIS to solve typical spatial problems in the geosciences and environmental sciences.</p>
<p>GEOGRAPH 493M</p> <p><b>Migration, Diaspora and Refugees</b></p>	<p>This course provides an introduction to the literature, theory, and practice of geographies of migration, diaspora, and refugees. Students will examine historical migrations of humans beginning with the Out of Africa theory leading up to present day issues of the European migrant crisis and transnational migration phenomena. There will also be modules on refugee studies especially looking at internally displaced peoples and cases that destabilize what it means to be a "refugee." Climate change and its causal relationship to refugees will be critiqued. Finally, diasporas and their relationship to multi-scalar modes of being with be examined, especially return and circular migration patterns.</p>
<p>GEOGRAPH 493WG</p> <p><b>WebGIS</b></p>	<p>Students in WebGIS will explore web-based applications in geographic information science. This course will focus on hands-on practice using and building web-based mapping and analysis platforms, including Google Maps, ArcGIS Online, Leaflet, and Open Street Map. Along with conceptual discussion of how the internet, web servers, and cloud-based GIS services function, students will create and host web services relevant to their coursework, research, or professional goals.</p>
<p>GEOGRAPH 497N</p> <p><b>National Parks and Protected Areas</b></p>	<p>This course explores efforts in the U.S. and worldwide to promote biodiversity conservation, sustainability, and social justice through the designation and management of national parks and other protected areas.</p>
<p>GEOGRAPH 560</p> <p><b>Geomorphology</b></p>	<p>Earth surface processes and their relation to topography and landscape evolution. Focus on hillslope, fluvial, and other processes that shape Earth's surface. Field trips by arrangement.</p>
<p>GEOGRAPH 670</p> <p><b>Urban Environmental History</b></p>	<p>In this graduate reading, research, and discussion seminar, we will read a wide range of literature on cities and environment, from ancient times to the present. The course establishes a global context, but will focus on case studies from the U.S. In addition to active participation in weekly seminar discussions, students will be asked to participate in a group research project on environmental history. This will require writing a short paper and carrying out some field research outside of class. There will also be a short (8-10) page individual paper required which analyzes changing perspectives on one urban environmental issue in a geographical context. Undergraduate students who have taken Geography 370 Urban Geography may apply for instructor's permission to take this course. Honors undergraduates can receive honors credit for this 600-level course.</p>