Fall 2013 Course Offerings

Our Globalizing World
Geog 1301W
Have you wondered how your life is connected to others around the world? Are you curious about the community in which you live and why it has the characteristics it has? Explore all of these questions and more in Geog 1301!
M,W 9:45-11 (plus discussion section); Lang LibEd: SSci,GP, WI

Geography of Global Cities
Geog 1372
Course explores urban forms/processes, using key global cities as examples. Topics include: Political, historical, and economic contexts of cities, Planning ideologies, Globalization, Race/segregation, Population growth, Environmental problems, and global urbanization.
M,W 1:00-2:15; Lindeke LibEd: SSci,GP

Biogeography of the Global Garden
Geog 1403
Interested in the environment? Want to understand the news you hear about environmental degradation? In Geog 1403 you'll learn how and why the natural environment varies across the globe, and how ecological systems function.
M, W, F 11:15-12:05 plus lab section; Kipfmueller LibEd: Bios,ENV

Introduction to Meteorology
Geog 1425
What causes thunderstorms and tornadoes? How do satellites work? Do clouds make the earth warmer or cooler? What is the greenhouse effect, and should we be concerned about it? In Geog 1425, you will learn about weather, climate, and the atmosphere.
M,W,F 9:05-9:55 plus lab section; Blumenfeld LibEd: Phys,ENV

Mapping our World
Geog 1502
We will learn about mapping our world by understanding how maps work, making our own maps, mapping virtual worlds like Facebook, and understanding how people use maps to tell stories and lies. Along the way, we will see how mapping is a useful lens through which to understand interactions between technology and society.
M,W 10:10-11:00 plus online lab section; Manson LibEd: TS, SSci

Guide to Courses in Geography that meet Liberal Education Requirements:

Social Sciences (SSci):
1301W, 1372, 1502, 1973, 3101, 3379, 3381W, 3973

Physical/Biological Sciences w/ Lab:
1403 (Bios), 1425 (Phys)

Diversity/Social Justice in the US (DSJ):
3371W

Global Perspectives (GP):
1301W, 1372, 3331, 3373, 3381W

The Environment (ENV):
1403,1425, 3379

Historical Perspectives
3373

Technology & Society (TS):
1502, 3521

Writing Intensive (W):
1301W, 3361W, 3371W, 3381W, 3985W

Biology, Society, & Environment Theme Elective (BSE)
3361W, 3379, 3381W

Geography of the Twin Cities
Geog 1973 & Geog 3973
Where are things located in the Twin Cities - industry, transportation, housing, people of diverse backgrounds and resources, retail trade and services? Why are they located as they are? Explore the Twin Cities through our field assignments!
Tu, Th 9:45-11:00; Pentel LibEd: SSci

Geography of the United States and Canada
Geog 3101
When you travel cross-country, do you understand the landscape you see? Travel across the United States via lectures by one of the foremost regional geographers in the country, richly illustrated by Professor Hart's voluminous slide collection.
M,W,F 10:10-11:00; Hart LibEd: SSci

Europe
GLOS 3921 / Geog 3916
Divided by landscape, language, religion, and war, Europe is a kind of test case of how all today's societies are supposed to function. The project of the European Union promises peace and prosperity for some 500 million people in 27 countries, but faces unprecedented challenges, from unemployment and xenophobia to population ageing and climate change. Who is and could be a member state in its own right? Who is and could be a member state in all today's societies? What is the nature of belonging? This course will guide you through the study of Europe's physical make-up and urbanization to the formation of nation-states and the colonization of other continents, in order to understand the crisis today.
M,W 11:15-12:30; Saldanha

Geography of the World Economy
GLOS 3231 / Geog 3331
Economic geography has three main components: where stuff is made (production), where stuff is used (consumption); and how production and consumption impact the landscape and the people who inhabit it. Geog 3331 examines all three.
M,W 1:00-2:15; Gidwani LibEd: SSci, GP

LibEd: SS, TS, GP
Geography and Public Policy  
BSE 3361W/Geog 3361W  
Through the context of federal policies, this course examines land use, landscapes, and places as political statements that reflect a past and a present and provide a basis for a future. Learn how federal laws are created and how they impact the places around us.  
2 Extra Credit Senior Project Option.  
Tu, Th 1:00-2:15; Squires  
LibEd: WI (& BSE)

Cities, Citizens, and Communities  
Geog 3371W  
Why do urban places matter to people? Course introduces cities and suburbs as unique crossroads of cultural, social, and political processes. Explore competing/conflicting visions of city life, cultural diversity, and justice through a focus on the American city.  
Tu, Th 1:00-2:15; Munoz  
LibEd: DSJ, WI

Changing Form of the City  
Geog 3373  
We study cities not only for their own sake, but because they serve as mirrors that reflect their makers and inhabitants. In Geog 3373 you’ll learn about ancient cultures and eras of cities in history around the world, and planning triumphs and disasters.  
Tu, Th 2:30-3:45; Pentel  
LibEd: GP, Hist

Environment & Development in the 3rd World  
GLOS 3303/Geog 3379  
How are economic development & environmental issues interrelated? How will those relationships play out on the landscape of developing countries? Learn through case studies about the history of development in places of the third world and potentials for social/environmental sustainability.  
Wed 5:00-7:30pm; Samatar  
LibEd: SSci, ENV (& BSE)

Population in an Interacting World  
GLOS 3701W / Geog 3381W  
What will critical local, national, and international population concerns such as international migration, the AIDS epidemic, and refugees mean in the future? How are these issues addressed today? Learn more about population issues and policies around the world!  
Tu, Th 11:15-12:30; Nelson  
LibEd: SSci, GP, WI (& BSE)

Digital Planet  
Geog 3521  
The information age is with us in many guises. This course explores the increasing use of mobile geospatial information technologies, such as cell phone tracking, online mapping, and vehicle navigation. These developments have also had a social effect. Both aspects will be investigated to determine if we should control access to location information.  
W 3:35-5:30; Harvey  
LibEd: TS

Numerical Spatial Analysis  
Geog 3531  
How segregated is your city? How many locations do you have to sample to trust your conclusions about a whole area? Is a pattern patchy, mosaic, or fragmented? Learn how to describe spatial relationships and solve geographical problems using numerical spatial and non-spatial data.  
Tu, Th 2:30-4:25; Swobodzinski

Principles of GIS  
Geog 3561  
This course is an introduction to the study of geographic information systems (GIS). Through lectures and hands-on software experience, explore topics such as where to find geographic data, methods for spatial analysis, visualization techniques, and the societal ramifications of GIS.  
Tu, Th 6:00-7:15 plus lab section; Swobodzinski

Food, Culture, and Society  
Geog 3900  
This course is built on two key premises: first, that the production, distribution, and consumption of food involves relationships among different groups of people, and second, that one can gain great insights into these social relations and the societies in which they are embedded through a sociological analysis of food.  
Tu, Th 2:30-3:45; Cadieux

Envt’l Decision Making: Food Systems  
PSY 5960 sec 3  
An interdisciplinary social science course that explores ways that people experience environments and make decisions about them. Investigates food system decision making connected to local projects and student interests – to explore a range of environmental decision challenges from the everyday experience of our immediate environments to the distant, abstract, global environment writ large. Advanced juniors/seniors with at least three 3xxx level human geography, sociology or other social sciences courses only. Possible 2xcr Senior Project Option.  
F 9:30-12:30; Cadieux

Senior Project Seminar  
Geog 3985W/V  
The goal of this course is for each student to take a geographical research idea and develop it into a polished senior project. Prof. Hart will assign each students a topic, outline research goals, and students will develop project into a Senior Thesis. Not appropriate for Environmental or GIS track students, or students with their own ideas for a senior project.  
M, W 11:15-12:05; Hart  
LibEd: WI

Modes of Geographic Inquiry  
Geog 4001  
How do geographical questions get asked over time? What is research? How is new knowledge produced? Dr. Henderson uses many examples from geography and other fields to show how from the past to the present we are always searching for and inventing new knowledge and new ways to find knowledge.  
Tu, Th 9:45-11:00; Henderson

Advanced GIS Courses (Geog BA&BS GIS track/GIS minor)  
Geog 5562  
GIS & Analytical Cartography  
Th 4:00-5:50; Lindberg

Geog. Analysis of Human-Environmental Systems  
Geog 5565  
W 1:00-3:30; Manson

ArcGIS I  
GIS 5571  
W 5:30-7:20 plus lab section; Lindberg

Introduction to Digital Mapping: ArcGIS Basics  
GIS 5573  
W 5:30-7:30; Hansen

Web GIS and Services  
GIS 5574  
M 7:30-9:30; Fischer

Urban Studies Courses (Geog BA Urban World Track)  
URBS 1001W/3001W  
The Complexity of Metropolitan Life  
M, W 4:00-5:15; Brinda

A Suburban World  
URBS 3871  
Thurs 6:00-9:00 pm; Kayzar

For more information contact the undergraduate advisor in Geography, Environment & Society, Jeanette Simmonds:  
geogadv@umn.edu or 625-0133  
Room 414 or 523 Social Science Building  
www.geog.umn.edu