Fall 2014
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! Now 3 cr course (was 4cr)!
M,W 10:10-11 (plus F disc. section); Derickson LibEd: SSci,GP, WI

Geography of Global Cities  Geog 1372
Course explores 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; Anand 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; St. George 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; Klink 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

Freshman Seminars:
Geog 1901: Understanding Climate Change; Kipfmuller LibEd: ENV
CLA 1908W: Nature & Society in the Anthropocene: Derickson

Geography of the Twin Cities  Geog 1973 & 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

The Islamic World  Geog 3145
Want to understand the culture of 20 percent of the world’s population? Want a deeper understanding of current events? In Geog 3145 you’ll examine the geographic origins, history, and culture of Islam, and Islamic resurgence and the post-colonial world.
W 5:00-7:30; Samatar LibEd: SSci, GP

Europe  Geog 3161 / GLOS 3921
Divided by language, landscape, religion, and war, Europe is a kind of test case of how all today’s societies are supposed to function. This course will guide you from Europe’s physical make-up and urbanization to the formation of nation-states and the colonization of other continents, in order to understand the continent.
M,W 1:00-2:15; Saldanha LibEd: Pending GP

Geography of the World Economy  Geog 3331 / GLOS 3231
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.
M,W 1:00-2:15; TBA LibEd: SSci, 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.
Tu,Th 1:00-2:15; Squires 2xcr Senior Project option** LibEd: WI

Cities, Citizens, and Communities  Geog 3371W
Why do urban places matter to people? This 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 2xcr Senior Project option** LibEd: DSJ, WI

Guide to LibEds in Geography:
SSci: Social Sciences
1301W, 1372, 1502, 1973, 3101, 3145, 3331, 3381W, 3973
HP: Historical Perspectives: 3373
GP: Global Perspectives
1301W, 1372, 3145, 3331, 3373, [3161 (pending)], 3381W
DSJ: Div. & Soc. Justice:3371W
CivEthics: Civic Life&Ethics: 3388 (pending)
ENV: The Environment: 1403, 1425, 1901
TS: Technology & Society (TS): 1502, 3521
Wt: Writing Intensive 1301W, 3361W, 3371W, 3381W, 3985W

For more information contact the undergraduate advisor for Geography, Environment & Society (GES) programs:
Jeanette Simmonds: geogadv@umn.edu
Room 481 Social Science Bldg. www.geog.umn.edu (Calendar)
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 9:45-3:45; Kayzar
LibEd: GP, Hist

Political Ecology of North America  Geog 3376
How are nature and culture connected? How do social relations impact our environment? Learn about the ways that environmental issues, politics, and culture/identity are tied to each other in Geog 3376.
T, Th 9:45-11:00; Braun 2xcr Senior Project option**  LibEd: ENV

Population in an Interacting World  Geog 3381W / GLOS 3701W
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

Going Places: Geographies of Travel & Tourism  Geog 3388
This course develops a critical and historical conception of tourism in relation to other kinds of mobility. The global flows of tourism allow for grasping crucial contemporary debates in the social sciences on consumption, development, identity, and climate change.
M, W, F 11:15-12:05; Saldanha 2xcr Senior Project option**  LibEd: Pending CivEthics

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, 2:30-4:25 and Thurs 3:35-4:25; Instr. TBA

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; Instr. TBA

Introduction to Dendrochronology  Geog 3839 & 5389
In this course students will learn about history, techniques, biology, and principles of tree ring analysis. These techniques are then applied to investigate environmental change and past cultures. (pre-reqs, equivalent preparation, &/or instr. permission required)
Tu, Th 9:45-11:00; Kiplmueller 2xcr Senior Project option (env’tal)**

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

Globalization & Development: Political Economy  Geog 5385
What do we mean by development at the beginning of the new millennium? Are the fortunes of Third World countries improving more significantly in this more globalized world than say, fifty years ago? Address these questions and more through country case studies, readings and discussion.
Tu 1:25-4:00, Samatar

Rural Landscapes and Environments  Geog 5393
Can you explain what you see as you drive through rural areas? Travel along with Professor Hart across the rural landscapes of North America, Western Europe, South Africa, and Australia through lectures illustrated by slides from his four decades of fieldwork.
M, W 1:00-2:15; Hart

Climatic Variations  Geog 5426
There is broad consensus that the Earth’s climate system is changing due to human activities such as fossil fuel combustion and land use changes. However, natural mechanisms (such as volcanic eruptions) also result in variations in the climate system as well. We will explore past climate variability in an effort to understand the future by applying hands-on data analysis techniques, lectures, and by examining research articles related to climate variability.
W, F 9:45-11:00; Griffin

**Senior Project Options
3997: 2xcr SP (GEOG majors only) w/: Geog 3388, 3371w, GIS 5555
3997: 2xcr SP (GEOG or BSE majors) w/: Geog 3361w, 3376, 3839
Instructor permission & pre-reqs may be required; space limited. Contact Jeanette with questions or for recommendations.

Urban Studies Senior Paper Seminar: URBS 3955W
For URBS theme related projects only; Contact Jeanette and Paula (pent0005@umn.edu) for information and permission.
F 9:05-11:00

GIS Recommended Courses (Geog major/GIS minor credit)
Basic Spatial Analysis (GIS SP option**; permission req.) GIS 5555
W 1:00-3:30; Manson 2xcr Senior Project option**
ArcGIS I (permission req.)
W 5:30-9:45pm; Lindberg

Urban Studies Recommended Courses (no geog major credit)
*Contact pent0006@umn.edu for more info

The Complexity of Metropolitan Life URBS 1001W/3001W

Urban Studies Colloquia (3) URBS 3201
SEC 001: Homeless youth (Mills)
SEC 002: Realizing Potential of Urban Places Through Public/Private Partnership (Commers)
SEC 003: Disparities in the Twin Cities (Brinda)

Urban Studies Workshop (2) URBS 3500
SEC 001: Designing Streetscapes (Smith)
SEC 002: Designing Healthy Communities (Ingraham)