Spring 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!
M, W 11:15-12:30 (plus dis. sect.); Derickson  LibEd: SSci, GP

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; Cesafsky  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 3:35-4:25 plus lab section; Snyder & Twine  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 11:15-12:05 & online lab sect.; Swobodzinski  LibEd: TS, SSci

Guide to Courses in Geography that meet Liberal Education Requirements:

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

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

Diversity/Social Justice in the US (DSJ):
3371W, 3377

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

The Environment (ENV):
1403, 1425, 3401/5401, URBS 3751

Technology & Society (TS) & Arts/Humanities (Arts):
1502 (TS), 3374W (Arts)

Writing Intensive (WI):
1301W, 3371W, 3374W, 3381W, 3985W, 4002W

Biology, Society, & Environment Theme Elective (BSE)
3381W, 3401, URBS 3751

Undergraduate Public Health Minor
3381W, 3401

Freshman Seminar: Making Minnesota Landscapes  Geog 1905
Take a virtual trip through the American Countryside from 1950 to the present with Dr. Hart, whose enthusiasm for the topic is contagious! The course will interest the urbanite who wants to understand where their food comes from, as well as the student who grew up in a rural area and desires an understanding of the socio-political and environmental context of their formative landscape. In each class, students will view 80-100 images, all taken by Dr. Hart, as he weaves stories with wry humor to narrate the changing landscapes of North America.
M, W, F 12:20-1:10; Hart

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

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 9:45-11:00; Henderson  LibEd: DSJ, WI

The City in Film  Geog 3374W
Movies are one of the key modes of discourse in modern life. In Geog 3374W, you’ll view and analyze films from the 1920s to the 1990s in which the city or ideas about urbanism play an important role. We will look at how particular types of film (e.g. mysteries, action/suspense, documentary), as well as the language of film itself (e.g. cinematography, editing, sound), are suited for portraying aspects of urbanization and urban life.
W 6:00-9:30 (plus M or Th discussion section); Henderson  LibEd: Arts, WI
Music in the City  Geog 3377
Why is music so central to the life of the city? Through music, people feel connected to landscapes, neighborhoods, buildings, and ethnicities. Themes will include the transnational circuits of reggae, the class backgrounds of punk, Motown and civil rights, underground electronic music, and the sexual ambivalences of Minneapolis’s very own Prince. Through group reading presentations, class discussions, field trips, and an individual research project, students are strongly encouraged to explore their own interests.
W 5:00-7:30; Saldanha LibEd: DSJ

Population in an Interacting World  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 1:00-2:15; Nelson LibEd: SSci,GP, WI (& BSE)

Geography of Travel and 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

Environmental Systems & Global Change  Geog 3401/5401
What is environmental change? What causes it? Is it “bad” for everyone? In Geog 3401 you’ll learn about the processes that create and change patterns of climate, vegetation, soils, and landforms, and how human impacts affect our natural resources.
M, W, F 10:10-11:00; Buchanan LibEd: ENV (& BSE)

Principles of Cartography  Geog 3511/5511
Geog 3511/5511 serves as an introduction to cartography – the art and science of mapping. You’ll learn the theory of cartography and how cartographers acquire data, create map projections, represent geographical data, and create maps for the Web.
M, W, F 11:15-12:30 (plus lab section); Lindberg

Digital Mapping  Geog 3523
An introduction to the creation of online maps for the Humanities & Sciences. Technologies you will work with include Google Earth, NASA WorldWind, Quantum GIS, and GPS data processing. You will also have access to GPS equipment and video equipment for work on a project creating a personal GeoDiary. No prerequisite.
Tu 3:15-5:15; Harvey

Environmental Thought and Practice  Geog 4002W
How are identity politics, new social movements, and environmentalism impacting natural environments? Explore nature-society relations in this class through a variety of approaches and theoretical frameworks such as feminist theory and poststructuralism.
M, W 1:00-2:15; Lindeke LibEd: WI

Geography and Real Estate  Geog 5361
In Geog 5361 you’ll learn about the nature and history of land ownership in the United States, with special reference to Minnesota. You’ll study the historic and legal characteristics of land ownership, through primary source materials.
Th, F 12:20-2:15; Squires

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 (e.g., volcanic eruptions) also result in variations in the climate system. 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; St. George

Advanced GIS Courses (Geog BA&BS GIS Track/GIS minor)

Advanced GIS  Geog 5563
Addresses spatial data models, topology, data encoding, data quality, database management, spatial analysis tools & visualization techniques. This course is for advanced undergrads with ArcGIS experience; you need instructor permission to register.
W 3:20-5:15; Harvey

ArcGIS II  GIS 5572
Th 6:00-8:50; Lindberg

Surveying and the Global Positioning System  GIS 5575
M 6:20-8:50; Zenk

Spatial Database Design and Administration  GIS 5577
W 6:20-8:50; Kne

GIS Programming  GIS 5578
T 6:20-8:50; Swobodzinski

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

The Urban Environment  URBS 3751
Tu, Th 1:00-2:15; Pentel LibEd: ENV & BSE

Fundamentals of Transit  URBS 3771
F 12:20-3:20; Loetterle

Senior Project Options for Geography majors

Senior Project Directed Research (3cr)  Geog 3996
Contract required to register; Faculty permission required

Senior Project (2cr w/ major course)  Geog 3985W
Contract required to register; Faculty permission and concurrent registration in approved Geography course required.

Senior Project Seminar (limited topical options)  Geog 3985W
The goal of this course is for students to complete a classical geography research project and write a polished senior thesis. In class, students will critique samples of writing, engage in peer review, and learn the art of geographic writing from Dr. Hart, who has published more than 15 books and 150 articles in the field of Geography. Instructor-selected topic (limited).
M, W, F 1:25-2:15; Hart LibEd: WI

Urban Studies Senior Paper Seminar  URBS 3955W
Priority given to Urban Studies Majors, though Geography students interested in Urban topics may request permission from instructor.
F 9:30-11:30; Pentel LibEd: WI

For more information contact the undergraduate advisor for the Department of Geography, Environment and Society, Jeanette Simmonds: geogadv@umn.edu or 625-0133
Room 481 Social Science Building www.geog.umn.edu