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 10:10-11 (plus F disc. section); Derickson

LibEd: SSci,GP, WI

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 11:15-12:30 plus lab section; Griffin

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

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 plus online lab section; Bonsal

LibEd: TS, SSci

Urbanization in the Global South

Geog 1905

Freshman Seminar

With cities in developing countries set to absorb 95% of urban population growth in the next generation, this course explores how populations sustain themselves in the cities of Latin America, Africa and Asia. What kinds of effects do these urban residents have on politics, ecology and struggles for justice? The course investigates the emerging experiments of urban living in cities of the Global South—imagining new forms of citizenship, development and sustainability that are currently unfolding.

Tu,Th 9:45-11:00; Anand

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Spring 2015 Course Offerings

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Guide to LibEds in Geography:

SSci: Social Sciences
1301W,1502,3101,3331,3379,3381W
Arts: Arts & Humanities: 3374W
GP: Global Perspectives: 1301W, 3331, 3381W
Civic Life & Ethics: CivEthics: 3388
ENV: The Environment: 1403, 1425, 3379, 3401
TS: Technology & Society (TS): 1502, 3101
WI: Writing Intensive 1301W, 3371W, 3374W, 3381W, 3985W, 4002W

For more information contact the undergraduate advisor in Geography, Environment & Society:

Jeanette Simmonds: geogadv@umn.edu

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Geography of the United States and Canada

Geog 3101

Last chance to take a virtual trip through the North American countryside from 1950 to the present with Dr. Hart, whose enthusiasm for the topic is contagious! The course will interest the urbanite wanting 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 for their formative landscape.

M,W,F 10:10-11:00; Hart

LibEd: SSci, TS

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; Gidwani

LibEd: SSci, GP

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; 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 the film itself (e.g. cinematography, editing, sound), are suited for portraying aspects of urbanization and urban life.

W 6:30-8:30 plus discussion section; Munoz

LibEd: Arts, WI

Music in the City

Geog 3377

Why is music so central to the life of cities? Through music, people feel connected to landscapes, neighborhoods, buildings, and ethnicities. This course tries to understand how the interplay occurs between sounds, places, and identities through weekly case studies from many genres.

W 5:00-7:30; Saldanha

LibEd: DSJ

Environment & Development in the Third World

Geog 3379

How are economic development and 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.

Th 5:00-7:30; Samatar

LibEd: SSci, 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 1:00-2:15; Instr. TBD
LibEd: SSSci, 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; Saldana
LibEd: CivEthics

Environmental Systems & Global Change

Geog 3401/5401

Patterns of climate, soil, and vegetation have shaped human decisions about how to use, and live on, the land. What happens if these patterns change? In Geog 3401 we explore this question through the lens of climate change. In this course you will learn the basic science of climate and how the climate both affects, and is affected by, vegetation, soils, and human activities.
M, W, F 10:10-11:00; Klink
LibEd: ENV

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 11:15-12:30 plus lab section; Lindberg

Urban Climatology

Geog 3900

Do cities create thunderstorms? Can pollution from cities change the climate? In this course you will learn about the physical-science principles governing the urban climate, about the observational and modeling strategies that are used for studying urban climates (including making some of your own observations), and about how human activity in urban areas affects Earth’s weather and climate.
M, W 1:00-2:15; Klink

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.
Tu, Th 11:15-12:30; Braun
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 1:00-2:15; 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 (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; St. George

Advanced GIS

Geog 5563

Not offered in Spring 2015. GIS minors may substitute Geog 5564 to fulfill this requirement. Questions? Contact geogadv@umn.edu

Urban GIS

Geog 5564

Interested in cities? Want to apply geographic information science to study urban issues? In Geog 5564 you will learn about urban geographical and attribute data (including census data), urban spatial analyses (including location-allocation models), and the display of urban data. GIS minor students may substitute GEOG 5564 for GEOG 5563. Contact geogadv with questions.
Tu, Th 2:30-3:45; Matson
***[3561/5561 pre-req]***

**Senior Project Options**

Students should contact Instructors directly if they are interested in completing a 2xcr Senior Project w/ their course. 1xxx level courses may not be used for a SP base course. Contact Jeanette with questions or for recommendations.

Senior Project Seminar?

Geog 3985W/V

The goal of this course is for each student to take a geographical idea and develop it into a polished senior project. Prof. Hart will assign each student a topic, outline research goals, and students will develop project into a Senior Thesis. Not appropriate for Env'l Sci. or GIS track students, or students with their own ideas for a senior project.
M, W 12:20-1:20; Hart (email geogadv@umn for perm. #) LibEd: WI

Urban Studies Senior Paper Seminar: URBS 3955W

For URBS theme related projects only; Contact Brenda Kayzar for information and permission. F 10:00-12:00

Other GIS Recommended Courses

Note: GEOG 5564 & GIS 5575 require good grade in 3561/5561. For all other GIS courses, 5571 or other advanced GIS skills are also required. Contact instructor or GES Advisor for more information.

Urban GIS

Geog 5564

Tu, Th 2:30-3:45; Matson
Practical Surveying for GIS (prereq. 3561/5561)
G 5575
M 6:20-8:50; Morey
ArcGIS II
G 5572
Th 6:00-8:50; Lindberg
Spatial Database Design & Administration
G 5577
W 6:20-8:50; Kne
GIS Programming
G 5578
Tu 6:20-8:50; Haynes

Urban Studies Courses (Geog BA Urban Geography Theme)

The Urban Environment
URBS 3751
Tu, Th 1:00-2:15; Pentel
Fundamentals of Transit
URBS 3771
F 12:20-3:20; Loetterle
Suburban World
URBS 3871
Th 2:45-5:15; Kayzar

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 3202
SEC 001: Economic Geog.s of the Mississippi River (Taylor)
SEC 002: Urban Food Systems (Jones)
SEC 003: Public Art and the City (Karasov)

Urban Studies Workshop (2)
URBS 3500
SEC 001: Social Norms, Cultural Attitudes, and Afford. Hsg (Stanley)
SEC 002: Business District Revitalization (Hoffman & Jerabek)