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 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,F 11:15-12:05 + lab; 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 1:25-2:15 plus online lab section; TBD LibEd: TS, SSCI

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

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. M 1:00-3:30; Anand

Europe  
Geog 3161 / GLOS 3921
Divided by landscape, language, 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: GP

Geography of the World Economy  
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.  
M,W 1:00-2:15; TBD LibEd: SSci, GP

Geography & 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 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; TBD 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; 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. Tu,Th 9:45-11; Braun LibEd: ENV

Population in an Interact 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 11:15-12:30; TBD LibEd: SSci,GP, WI

Geographies of Travel & Tourism  Geog 3388
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 LibEd: Civ/Ethics

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 11:15-12:30; Henderson

Spatial Data & GIS Courses
Numerical Spatial Analysis  Geog 3531
Spatial Statistics & Public Health
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 & Th 3:35-4:25; Barnes

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 geog. data, methods for spatial analysis, visualization techniques, and the societal ramifications of GIS. Tu,Th 4:00-5:15 plus lab section; Song

Basic Spatial Analysis*

GIS 5555
W 1:00-3:30; Kugler
ArcGIS I*

GIS 5571
W 5:30-9:45pm; Lindberg

Web GIS & Services*

GIS 5574
Tu 5:30-8:00; Dyke
* pre-req Geog 3561 & permission required to register

2 credit GIS Course for Social Scientists:
Intro to Digital Maps: ArcGIS Basic  Geog 3573
Want the skills but can’t fit 3561 into your plan? Learn to use desktop features of ArcGIS.
*Not for Geog major credit!!! Wed, 5:30-7:30; Hansen

Urban Studies Courses
URBS 3301W: American Cities as Settings for Cultural Diversity (ok as Geog elective) Tu,Th 11:15-12:30; Kayzar
URBS 1001W/3001W: Complexity of Metropolitan Life (No Geog major credit allowed) M,W 4:00-5:15; Brinda **Senior Project (SP) Options**
See Jeanette with questions or for recommendations.
• Students planning to graduate between F15 and F16 should consider completing a senior project in F15
• Honors students should contact Jeanette

Human & Cultural Geography, Env-Society, & Policy-related SP Options:
There are many 2xcr SP Options! Students must contact instructor prior to May 2015 or as soon as registered for course; space is limited. Do not wait until late summer/fall to contact instructor!
• Geog 3388: Travel & Tourism [Civ/Eth] & Geog 3161/Glos 3921: Europe [GP] w/ Arun Saldanha
• BSE 3361W/Geog 3361W: Geography & Public Policy [WI] w/ Rod Squires
• Geog 3376: Political Ecology of North America [ENV] w/ Bruce Braun

Urban-related SP Options:
• See 3161w, 3361w, 3371w 2xcr (above)
• Urban Studies Senior Paper Seminar URBS 3955W: F 9:05-11:00 [BSE & Geography majors welcome; contact Kayzar for permission and info]

Biophysical & GIS-related SP Options:
• Special Arrangements are being made for students graduating in F15, Spr16, & Summer 16, & will be announced ASAP. Register for a backup course and meet with Jeanette in April to discuss exciting SP plans.

Guide to LibEds in Geography:
SSci: Social Sciences
1301W, 1502, 1973, 3331, 3381W, 3973
HP: Historical Perspectives: 3373
GP: Global Perspectives
1301W, 3331, 3373, 3161, 3381W
DSJ: Div. & Soc. Justice: 3371W;
ENV: The Environment: 1403,1425, 3376
TS: Tech & Society (TS): 1502 Civic Life & Ethics: 3388
WI: Writing Intensive 1301W, 3361W, 3371W, 3381W