Courses in Geography

A Gog 102
Introduction to Human Geography (3)

*This course offered online through the Blackboard Learning System.* Introduction to key elements of human geography as a social science, (including population, cultural, economic, and political geography), focusing on the disciplinary themes of place, space and landscape. These themes are applied at a variety of scales, from local to the regional to the global, with particular emphasis with geographical concerns with cross-cultural comparisons among regions and with the relationships of local and regional phenomena to global processes. A GOG 102Z is a writing intensive version of A GOG 102; only one may be taken for credit.

(2156) McWilliams, Neusa
6 Week 1: May 26-July 3
*Online course in Blackboard*

A Gog 225 (=A Glo 225/A Usp 225)
World Cities: Geographies of Globalization (3)

*This course offered online through the Blackboard Learning System.* This course takes a critical look at globalization and its impacts on cities around the world. Globalization includes an array of economic, cultural, and political forces that are effectively shrinking our world. The first part of the course focuses on the ways transnational movements or 'flows' of trade, finance, people and culture operate in and through a network of linked `global' cities, the top tier of which function as the `command and control' centers at the 'core' of the global economy. The second part of the course shifts attention to the global `periphery' and to some of the lower tier cities of the world’s urban hierarchy: in Latin America, Africa, and Asia. The concern here will be to examine the local consequences of globalization in two overlapping realms. The first will involve looking for and at evidence of the less salutary effects of globalization forces in these cities: for example, higher levels of social and spatial inequality, deteriorating environmental and health conditions, diminished per-capita share of local resources and infrastructures, and cultural homogenization. The other realm will be an investigation of local activities that occur in response and as resistance to the pervasive forces of globalization. The goal here will be to document and evaluate the effectiveness of some of the local movements and organizations that have struggled for social justice in the face of what they perceive to be oppressive (global) economic and cultural forces. After taking A GOG/GLO/USP 225 students will be able to compare cities on the global 'periphery' with each other, as well as with those in the global 'core' to learn about and understand how some aspects of economic and cultural globalization play out and are adapted to `on the ground' and to think critically about how people might effectively organize their thoughts and exercise their rights to the city in the era of globalization. A GOG/GLO/USP 225Z are the writing intensive versions of A GOG/GLO/USP 225; only one version may be taken for credit.

(2150) McWilliams, Neusa
12 Week: May 26-August 14
*Online course in Blackboard*

A Gog 496 (=A Usp 456)
Geographic Information Systems (3)

Introduction to the structure, design, and application of data base management systems designed to accept large volumes of spatial data derived from various sources. The student will learn how to efficiently store, retrieve, manipulate, analyze, and display these data according to a variety of user-defined specifications. Prerequisite(s): Familiarity with maps and coordinate systems.

(2050) Alazawi, Mohammed
6 Week 3; July 6-August 14
TTh 6:00pm-9:30pm
AS-03
A Gog 596 (=A Pln 556)

Geographic Information Systems (3)
This course will explore the structure, design, and application of geographic information systems. The student will learn how to store efficiently, retrieve, manipulate, analyze, and display large volumes of spatial data derived from various sources. Students will learn information management techniques for a variety of purposes including planning and simulation modeling. Prerequisites: Gog 101 or 290, or permission of instructor, and familiarity with maps and coordinate systems.

(1930) Alazawi, Mohammed
6 Week 3: July 6-August 14
TTh 6:00pm-9:30pm
AS-03