Exploration of the Chemistry of Renewable Energy

The various types of renewable energy sources will be explored through classroom discussions, activities, and laboratories. Students will learn about the various types of renewable energy sources and the chemistry associated with each. The course will include short laboratories to illustrate the application of the energy sources. Renewable energy will be discussed in relationship to environmental factors and social impact. Active learning strategies will be used throughout the course. For students of all disciplines who are interested in obtaining an understanding of renewable energy. FYS

Social Psychology of Race, Class, and Gender

Focuses on the social construction of race, class, and gender and how this construction influences an individual's perception of self and other individuals. Topics include identity development, achievement, motivation, and sociopolitical development. Enrollment limited to 30. WRIT

The Entrepreneurial Process: Innovation in Practice

Entrepreneurship is innovation in practice: transforming ideas into opportunities, and, through a deliberate process, opportunities into commercial realities. These entrepreneurial activities can take place in two contexts: the creation of new organizations; and within existing organizations. This course will present an entrepreneurial framework for these entrepreneurial processes, supported by case studies that illustrate essential elements. Successful entrepreneurs and expert practitioners will be introduced who will highlight practical approaches to entrepreneurial success. Enrollment limited to 35. WRIT

Transcending Transportation Impacts

Students will be engaged in interdisciplinary analyses of the life-cycle costs, environmental impacts, technical developments, and policy innovations at the local and regional level. We will discuss technical modifications in vehicles, such as plug-in hybrids, as well as policy and planning on intermodal systems, recycle-a-bike programs, intelligent transportation systems, and other innovations. Enrollment limited to 20 first year students. Instructor permission required. FYS WRIT
**Historical Crime Fiction**

There is almost no time period that has not been covered by historical crime fiction. From ancient Egypt and Rome to 18th century China, historical crime fiction has complemented and contested our knowledge of history. In this seminar, we will do some extensive time travel and explore how crime fiction explores the past and challenges our understanding of bygone times. Readings of texts by Ellis Peters, Umberto Eco, Peter Tremayne, Lindsey Davis, Alan Gordon, Robert van Gulik, Laura Rowland, among others. FYS WRIT

**Intensive Survey of Spanish Literature**

An introduction to the major authors and literary movements of Spanish literature from the Middle Ages to contemporary times. Focuses on building critical vocabulary. Also aims to develop students' written and oral expression in Spanish. Preparatory course for 1000-level courses for students who achieve the highest placement in Spanish. Prerequisite: HISP 0600, or AP score =5, or SAT II (Literature) score of 750 or above, or Brown placement score of 651 or above. WRIT

**Robber Barons**

Today, the United States looks a lot like it did at the turn of the 20th century. Much like it is now, America's economy at that time saw tremendous growth interrupted by periodic financial crises. Moreover, both are periods of immense inequality. Whereas we have the one per cent, the late 19th century witnessed a small group of capitalists amass unprecedented fortunes, which provided immense political power. In this class, we will explore what the lives of these “robber barons” can tell us about the role of economic privilege in shaping America’s social, cultural, and political history. FYS WRIT DPLL

**Truth on Trial: Justice in Italy, 1400-1800**

Why do we think that one human being can judge another? How did this activity, enshrined in legal and political systems, profoundly shape society? We'll examine the changing face of justice, from the medieval ordeal to judicial torture; expansion of inquisitorial and state law courts; and the eventual disillusionment with the use of torture and the death penalty in the eighteenth century. Using Italy as focus, the course explores how law courts defined social, political, scientific, and religious truth in Italy. Students may pursue a project on another geographical area for their final project for the course. WRIT

**Pain and the Human Condition: Exploring the Science, Medicine, and Culture of Pain**

Pain is a universal human experience, yet it is highly subjective. For most, pain represents an occasionally unpleasant, self-limited experience. However, for others, chronic pain persists beyond the recovery from an injury or as a result of a chronic health condition. Persons with chronic pain often describe their pain as permeating every aspect of their lives. While an active area of research, pain remains a significant challenge to the individual seeking treatment, the health care provider and society. This multidisciplinary course introduces students to scientific, medical, and public health aspects of pain and explores personal narratives and cultural meanings of pain. Enrollment limited to 20 first year students. FYS WRIT
PHP 1070  The Burden of Disease in Developing Countries
Professor: Stephen McGarvey
Defines and critically examines environmental, epidemiologic, demographic, biomedical, and anthropological perspectives on health and disease in developing countries. Emphasis on changes in the underlying causes of morbidity and mortality during economic development. Focuses on the biosocial ecology of diseases. Required major term paper worth 50% of final grade is scholarly centerpiece of course. Weekly discussion sections and small group research projects supplement the two exams and term paper. Guest lecturers cover different diseases and public health perspectives. Enrollment limited to 65. DPLL WRIT

POBS 0810  Belonging and Displacement: Cross-Cultural Identities
Professor: Patricia Sobral
Focuses on the representation of immigrants, migrants and other "border crossers" in contemporary literature from Brazil and other countries. How do people respond to the loss of home and the shift to a new culture? Is "going home" possible? How do individuals deal with their dual or triple identities? Piñon, Lispector, Sciar, Rushdie, Salih, Cristina Garcia, V. S. Naipaul and others. Conducted in English. Enrollment limited to 20 first year students. FYS WRIT

POBS 0850  Comparative Approaches to the Literatures of Brazil and the United States
Professor: Luiz Valente
Brazil and the United States have much in common: continental territories, huge natural resources, dynamic economies and multi-ethnic populations. Yet, their histories and cultures are distinctive and unique, as suggested in Vianna Moog's classic symbolic contrast between the Brazilian bandeirante and the American pioneer. We will undertake a comparative study of the two countries' literatures over the past eighty years with an eye towards exploring contextual, thematic and technical analogies as well as differences. Faulkner, Ramos, Lispector, Morrison, Rosa, Sciar, DeLillo, Carvalho, and Doctorow. Some attention to music, film and the visual arts. Enrollment limited to 15. Conducted in English. FYS WRIT

POLS 1824J  Culture, Identity and Development
Prerna Singh
There is a consensus, in scholarly and policy circles, on the importance of cultural processes and identity for a range of development outcomes across the world. There is far less understanding of how culture and identity influence development. The aim of this course is to develop this understanding. We will draw on readings across the social sciences as well as an analysis of development interventions across the globe to gain a comprehensive understanding of the ways in which culture and identity, conceptualized as actively constructed and changing, influence a range of outcomes including health, sanitation, education, inequality and economic development. WRIT

RUSS 1290  Russian Literature in Translation I: Pushkin to Dostoevsky
Professor: Alexander Levitsky
Survey of major works of Russian literature of the early and mid-19th century. Authors to be studied include Karamzin, Pushkin, Lermontov, Gogol, Turgenev, Leskov, and Dostoevsky. Lectures and discussion. No knowledge of Russian required. Discussion sections to be arranged. WRIT