

**FALL 2014**  
**NON-CATALOG COURSE DESCRIPTIONS**

**BIOL 397A: INSECT ECOLOGY**

Insect ecology is a field-based course designed to familiarize the student with the ecology, evolution, biodiversity, and behavior of the largest and most diverse group of animals on the planet. Insects provide important model systems to address a variety of scientific questions from evolutionary development of complex body designs to how organisms communicate with one another. The course will supplement lecture and an in-class laboratory section with field experiences emphasizing the ecological significance of insects across the landscape. Students will explore the complex interface of human-insect interactions, and will learn how to construct a museum quality collection during the course. Prerequisite: BIOL 121

**CIVT 202/GOVT 345: PERTINENCE: IDENTITY CONFLICT AND WORLD POLITICS**

This course focuses on the causes, manifestations and consequences of racial, ethnic, religious, nationalist and cultural identity conflicts around the world. Particular emphasis is placed on the role of Islam in contemporary identity conflicts. Policy dilemmas raised by identity conflicts and policy options are addressed. The course pays special attention to such closely related issues as genocide and mass murder, ethnic and religious cleansing, crimes against humanity, terrorism, and consequent considerations of humanitarian and other forms of intervention.

**CIVT 203: JUSTICE: ENERGY AND ETHICS: LOVING YOUR NEIGHBOR WHILE LIVING WITH THERMODYNAMIC LAWS**

Obtaining and exploiting energy is a requirement for any living thing. More recently it has become a requirement of human civilization. Energetic processes are governed by strict physical laws and tend to increase the disorder of physical systems. Traditionally, these processes have used highly efficient but increasingly limited natural resources. Against this backdrop, we are called to "love your neighbor as yourself." As society seeks to move to more sustainable energy sources and deal with the consequences of previous energy-related practices, this course will examine the complexities involved in balancing physical and moral aspects of the energy challenge.

**CIVT 204: FREEDOM: MUSIC HISTORY AND LITERATURE OF THE NON-WESTERN WORLD (A2.1B)**

This course investigates the artistic and imaginative process of creation through which culture and music is expressed by various non-western societies. Through this process we explore the ubiquitous desire for humanity to live, create, and transform through the aspiration and ideals of freedom and the ways these ideals are expressed in sound around the globe. We explore how music is used to coordinate and inspire cultural and political movements and function as a catalyst. The course explores the sound canvas of freedom including: independence, liberation, sovereignty, religious freedom, and self-determination. Cross listed with MUSIC 214

**CLAS 297: TOPICS: IMAGINING ANTIQUITY**

See HIST 297

**FREN 396: TOPICS IN FRANCOPHONE LITERATURES: CONTES, LÉGENDES ET FABLES: LE FOLKLORE FRANCOPHONE**

Every culture depends upon folklore for the maintenance of its continuity and group cohesion. Through an examination of the common themes, archetypes, cultural norms and symbols expressed in the familiar forms of tales, legends and fables, students will construct a framework of the conventional wisdom and cultural understanding passed from one generation to the next in a variety of francophone cultures. Conducted in French. Prerequisite: FREN 211

**FREN 397: TOPICS IN FRANCOPHONE CIVILIZATIONS AND CULTURES: ADVANCED FRENCH CONVERSATION**

This course fosters the development of advanced oral and aural proficiency in French, emphasizes pronunciation, and acquisition of vocabulary and idioms, and includes an intensive review of advanced sentence structures. Prerequisite: FREN 211

**HIST 297: TOPICS: IMAGINING ANTIQUITY**

This course is an examination of popular perceptions about the ancient west and their relationship to the reality of classical life and history. Through film and literature we will examine common assumptions held in the modern world about the nature of life, culture, and institutions in antiquity. These assumptions will then be compared with the corresponding reality of existence in the ancient west, at least insofar as this can be recovered by historians. This will be, then, not only a course about the history of classical Greece and Rome, but also about how we read the past through lenses of our own age and how, sometimes, we reinvent the past to fit our own preconceptions.

**MATH 297: TOPICS: GRAPH THEORY**

This special topics course will serve as an introduction to graphs and directed graphs. Specifically, we will study graph models, subgraphs, isomorphisms, paths, connectivity, trees, networks, cycles, circuits, planarity, Euler's formula, matchings, bipartite graphs, colorings, and selected advanced topics, including Ramsey theory. Suggested Prerequisites: MATH 200 or 320.

**MUSI 197 TOPICS: INTRODUCTION TO MUSIC THERAPY**

Through assigned readings, written assignments, classroom activities and a class presentation, students will be introduced to the field of music therapy. This introduction will include a working definition of the field, an understanding of the education and training required of music therapists and a description of the clinical populations served. In addition, students will be provided with an historical perspective of the music therapy professions, an understanding of human response(s) to music, descriptions of the most commonly served populations and interventions used and finally an introduction to the music therapy treatment process.

**PSYC 397: TOPICS: CURRENT ISSUES IN PSYCHOLOGY**

This discussion-based seminar will explore some of the most important recent advances in psychology. Students will read a selection of best-selling books popularizing research conducted by top scholars in various areas of psychology (e.g., cognitive, developmental, social, clinical). In addition, students will read the original research articles upon which the books were based. Discussions will center on critical evaluation of the research, and how to apply research findings to students' intended careers and personal lives.

Prerequisites: JR OR SR STANDING, AT LEAST 3 PSYC COURSES.