

2010 SPRING TERM COURSE DESCRIPTIONS NOT FOUND IN THE 2009-2010 ONLINE CATALOG

ANT 315 Community-Based Anthropology

This course is about the anthropology of community and the practice of community engagement. The anthropology of community employs a comparative approach to consider the means through which community dynamics and individual experiences influence each other. Community engagement includes the application of knowledge and skills to move a community toward positive change. Students work with a local community organization to (a) better understand the culture of the organization and the local community and (b) to contribute to the organization and local community in ways determined by the organization and community. This is an applied anthropology course where students put anthropological theory into practice. Prerequisite: Junior or senior standing.

ANT 384 Paleo-Kitchen: The Archaeology of Food

This course explores the human diet from evolutionary, physiological, and cultural viewpoints, informed by archaeological case studies. Topics covered include current debates over hominid diet; the nature of the first cooking; the causes and consequences of the shift from hunting/gathering to farming; archaeological techniques for reconstructing subsistence and cooking patterns; the development of food preparation spaces (kitchens), gender roles, and "domestic" life; and the nature of the earliest ancient cuisines. We end by considering implications for food and diet in contemporary society. Prerequisite: ANT 110 or SOC 110.

BIO 230 Vertebrate Nutrition

An introduction to the study of the principles of nutrition in vertebrates. This introduction includes an overview of the physiological requirements and metabolism of proteins, lipids, carbohydrates, vitamins, minerals and water; the anatomy and physiology of digestion, absorption and transport of nutrients; the role of nutrition throughout human development; the application of the principles of nutrition to animal diet formulations; the role of diet in the development of chronic diseases; nutritional disorders and weight management; and food safety. Prerequisite: BIO 110; CHE 132 or 135.

CHE 454 Green Chemistry

A study of the rapidly growing field of green chemistry, also termed environmentally benign chemistry. The factors that make green chemistry possible today and essential for the future are presented. The effects of chemistry on the environment are investigated. The principles of green chemistry are studied by looking at important historical cases and current research. Topics include evaluation methods for environmental and human health impact, alternative reagents, green chemical synthesis, green chemical products, and economic advantages to green chemistry. Critical analysis of the primary literature is emphasized. Prerequisite: CHE 241. CHE 341 is recommended.

ECO 465 Corporate Finance (see ECO 353 in the online catalog)

EDU 333 Instructional Design: Literacy and Learning

This course provides students with foundational knowledge and experience in planning, instruction, and evaluation of student learning in accordance with national, state and local curriculum standards. Reading theory and practice serve as a critical component of learning in all content areas, and a teacher's appropriate application of reading research knowledge will inform instructional decision-making. This course includes the study of early literacy and intermediate literacy. Classroom management strategies are embedded in all components of the course. Prerequisite: EDU 227 or EDU 228; admission to the Education Program, declared education minor, or permission of the instructor.

ENG 348 Victorian Characters

Victorians perfected the art of presenting rich, psychologically-complex characters. They are also a culture obsessed by the development of individual character, increasingly under threat by the conformist tendencies of modern industrial culture. In this course, students study the difference and interaction between "flat" and "round" characters--Dr. Watson and Sherlock Holmes, for example; interior and exterior representations of character; and the question of individuality. Included in the reading are *Adam Bede*, *Little Dorrit*, the poetry of Robert Browning and Lord Tennyson, J. S. Mill's *On Liberty*, and Sherlock Holmes stories.

ENG 396 Contemporary British Literature

A study of novels, short fiction, poetry and drama by British and Commonwealth writers since World War II.

FRE 433 Napoleon

The emphasis of this course will be placed on Napoléon Bonaparte to introduce students to an upper-level study of France after the Revolution, with a focus on the ideas and reforms of France's most emblematic historical figure and their lasting effect on French society. Prerequisite: FRE 271.

GOV 404 Introduction to Empirical Political Research

An introduction to empirical research design and analysis in the social sciences. The class will design and carry out a research project. The course includes an introduction to the SPSS statistical program. Prerequisite: Junior standing or permission of the instructor.

HIS 372 Race and Gender in Latin America

The conquest of the Americas and colonial encounters between Europeans, indigenous peoples, and Africans precipitated the creation of new racial, ethnic, and gender identities and ideologies. This course examines how race and gender shaped the development of Latin American societies during the years of conquest, colonization, independence, nation-building, modernization and into the twenty-first century. We will begin with a theoretical discussion of race and gender and then proceed to consider how they have intersected in Latin American history through an analysis of topics such as migration; labor; honor, sexuality, and marriage; scientific racism; the emergence of national and regional identities; and political and social movements.

MAT 406 Introduction to Coding Theory

Mathematical structures of vector spaces, groups, and finite fields are used to develop efficient and reliable methods of transmitting and storing information. Several specific types of linear block codes, including Hamming, Golay, BCH, and cyclic codes, are studied.

Prerequisite: MAT 240.

REL 318 Christology and Images of Jesus

This course explores the theological conception of Christ in word and image. Both theologians and artists have depicted Jesus in multifaceted ways from the first centuries to the contemporary period. This course intends to examine the early Christological controversies on the divinity of Christ and explore cognate artistic "portraits" that express doctrinal Christological impressions as well as reveal more popular and accessible conceptions of Christ. By examining the conciliar Christological debates alongside visual representations of Christ, a greater understanding of resonant religious, historical, and art historical movements can be achieved. The course involves the study of scripture and theological writings, and the investigation of artistic "portraits" of Christ. These "portraits" include artistic evidence from the third century to the present (including film), and students are expected to compare textual renderings of Christ to artistic portrayals of Christ with the goal of realizing the long tradition and prescient impact these examples continually embody. Prerequisite: REL 110 or 120.

REL 333 Concepts of the Qur'an

An examination of social and theological issues in the Qur'an, with an emphasis on modern situations. Issues relating to the application of Islamic law, particularly family law are central. The consequences of Islamic law for women and minorities are examined in detail.

Prerequisite: REL 130 or 132 or 332 or permission of the instructor.

SPA 305 Language and Culture of Catalunya

An intensive study of the language and a cultural overview of Catalunya and the Catalan linguistic area (Valencian Community, Balearic Islands, Andorra, Roussillon and the city of Alghero). Students engage in the study of the most important literary works and artistic periods as well as the basic historical/political background to help them to understand the always conflictive relations between Catalunya and the Spanish and French states. Prerequisite: SPA 230 and 250.

SPA 385 Detective Fiction in Latin America

This course offers a revision of the Detective Fiction genre in Latin America from the end of the 19th century until the present. The course approaches the different models and tropes of the genre and their impact on the social, political, and economical realms in the region. Classes and discussions will be conducted in Spanish. Prerequisite: SPA 230 and 250 or permission of the instructor.