

SPRING 2009
NON-CATALOG COURSE DESCRIPTIONS

ACCT 300A SPECIAL TOPICS IN ACCOUNTING: COMPUTERIZED ACCOUNTING

This course is a comprehensive approach to teaching accounting concepts in a software environment. This course will combine financial accounting theory and the application in a real world business simulation. The student will gain “hands-on” experience with initiating transactions, performing accounting activities, producing financial statements, and analyzing company performance.

Prerequisite: ACCT 210

ANTH 297A TOPICS: LANGUAGE AND CULTURE

This course provides an introduction to the complex relationship between language and culture. We will focus on the roles of language and language use in constructing worldviews, cultural values, social relationships, institutions, places, and identities. The course will explore the diverse ways in which people employ language in different cultures and social settings, and encourage students to reflect critically about the relations between language, social and cultural practices, and power. Questions that we will address will include the following: How is language used to create and maintain social institutions and rituals? How do we use language to create different personae in different social contexts? How is language used by people of different genders, ethnicities, and social classes? How are social and linguistic roles acquired by children?

ART 197A TOPICS: INTRODUCTION TO ART HISTORY VIEWING LABORATORY

(Spring Break Trip)

Recognizing that reproductions of works of art and architecture rarely convey a work’s scope, technique and context, this spring break short course supplements the Introduction to Art History courses with a “viewing laboratory” in New York City. Through this course, students will apply their classroom studies to primary engagement with works representing the entire history of world art from Africa and Asia, to precious manuscripts of the medieval and Islamic world, to the birth of modernism, a history of architecture and the rise of skyscrapers, and on to cutting-edge contemporary art galleries. And all found on the one small island of Manhattan. Prerequisite (or concurrent registration): ART/HIST 112 or ART/HIST 113; or permission of instructor.

ART 297A TOPICS: DIGITAL PHOTOGRAPHY

The fundamentals of digital photography are explored with an emphasis on use of composition and design. The course goals are to become proficient at the technical aspects of photography and working with the images in Photoshop in an efficient and creative way. A strong feature of the course is to appreciate the art of photography through the study of historic and contemporary work and to apply that appreciation to your own work. Students are required to have a working knowledge of Photoshop and a SLR digital camera. Permission of instructor required.

BIOL 297A INTRODUCTION TO REMOTE SENSING AND GIS (See GEOG 210A)

BIOL 336A ORNITHOLOGY

Study of the anatomy, physiology, ecology, behavior and distribution of birds. Field trips deal primarily with the identification and natural history of birds of the northern Great Plains. Prerequisite: BIOL 121 or consent of instructor

BIOL 364A PHARMACOLOGY

This course will introduce students to the process that generates the drugs we take, from the laboratory bench to the medicine cabinet. This class will foster an understanding of the drug development, methods of drug delivery and metabolism, mechanisms of drug action, and basic cellular physiology in order to identify how drugs elicit their medicinal properties. Students will also get a chance to examine the ethical and social dimensions of modern-day drug development and application.

BSAD 197A TOPICS: CURRENT TOPICS IN BUSINESS

The purpose of this course is to help students become better informed about current events in business, the financial markets and the economy. The course promotes appreciation of different perspectives by encouraging discussion among the faculty and students. No prior business acumen is required, just a willingness to participate and learn.

Grading S/U

BSAD 420A SPECIAL TOPICS: REAL ESTATE II

This course continues the study in BSAD 232 of real estate investment, development and management. Students will concentrate on the management of a brokerage firm and real estate law in South Dakota. Prerequisites: BSAD 232.

CHEM 102A TRUSTEE’S FELLOWSHIP IN CHEMISTRY

This course is limited to those freshman chemistry majors who are distinguished scholars. It will acquaint the student with career options, with chemical instrumentation and lab assisting. Students will be allowed to serve as junior lab assistants second semester under the direction of a senior lab assistant and the professor. Students may learn FT-IR, FT-NMR, GC-MS or other instrumentation. This will prepare them for doing research right after their freshman year.

CIVT 202A PERTINENCE: READING OUR ENVIRONMENT

This introductory course will integrate concepts and material from several disciplines to analyze and evaluate current environmental problems, study specific pollutants, and evaluate consequences of their continued production. A modern and holistic approach is designed to meet both the needs of non-majors with a serious concern about environmental issues and the needs of students who intend to pursue career objectives in environmental science or ecology. The course includes 3 hours of laboratory work each week.

CIVT 203A JUSTICE: AND JUSTICE FOR ALL?

This course uses the themes of justice and morality to survey the history of western thought and action from the middle of the seventeenth century to the end of the twentieth. We will examine how western societies wrestled with questions of justice and morality not only in formal treatises on law and ethics, but also in other cultural media, including literature, music, and the visual and performing arts.

CIVT 204A FREEDOM: RACE AND FREEDOM IN AMERICA: 1600 TO THE PRESENT

This course examines the various ways in which oppressed groups within the U.S. have historically interpreted and articulated the notion of freedom. How did women, American Indians, and Africans (later African-Americans) conceive of freedom, as individuals and as the “other” person within society? How did these attitudes change over the course of four centuries, and how do they shape the world today? By focusing on some specific decades within the 17th through 20th centuries, we can uncover certain trends, ideas, and attitudes about the changing nature of freedom.

CLAS 197A INTRODUCTION TO BIBLICAL HEBREW II

This course is Part II of the Introduction to Biblical Hebrew. Primarily we will work on reading and translating Biblical Hebrew texts. Much emphasis will be given to recognition and diagnosis of verbal forms. Singing Hebrew songs will be a part of the course as well.

COSC 297A INTRODUCTION TO REMOTE SENSING AND GIS (See GEOG 210A)

COSC 397A ADVANCED DATA STRUCTURES

We will study some of the more advanced data structures from an object-oriented perspective. Topics discussed include trees, sets, maps, hashing, heaps, file compression, graphs, external searching & sorting, dynamic programming, and backtracking.

ECON 397A ECONOMETRICS

This class focuses primarily on regression analysis. The ordinary least squares regression method and the assumptions underlying it are developed. Inference in both simple and multiple regression models is discussed, as are dummy variables, model structure, and functional form. Methods designed to detect and correct for the violations of the standard assumptions are examined. The effects of individual observations and of correlation among independent variables are also discussed. Additional topics include simultaneous equations, time series models, and limited dependent variable models.

EXSC 397A TOPICS: ADVANCED TOPICS IN PERFORMANCE ENHANCEMENT

This course will address more advanced methods of increasing athletic performance. The class takes a hands-on approach to learning speed development, agility improvement, functional strength, complex training and other methods. Techniques, implementation as well as safety will be included. Must have sophomore or higher status.

GENL 125A TRACING ROOTS OF WESTERN CIVILIZATION (Spring Break Trip)

This course will attempt to trace one of the many strains in the development of Western Civilization by paying close attention to the Golden Age of Ancient Athens (478-404 BC). This brief but dynamic and creative period in a small ancient city shaped our modern world. We will examine the historical and cultural conditions that gave rise to the Golden Age as well as those that led to its collapse. Along the way we will also discuss several questions of historiography: how should we preserve the past, and what can we learn from it? Enrollment in this course is by invitation only.

GENL 197A CHANGING IDENTITIES: ENGLAND FROM LONDINIUM TO WHITECHAPEL (Spring Break Trip)

The nature of this course will be to investigate the multiculturalism that has influenced English identity over the past two thousand years. We will begin our study with the imperialism of the Roman Empire and continue our explorations through the invasions of the Anglo-Saxons, the Danes, and the Normans. Charting through medieval England and the influences of the Italian Renaissance, we will examine the implications of British imperialism in the nineteenth-century and end our queries with the international influences of the Commonwealth and Islam. We will be based in London, but we will travel to Canterbury, Brighton, and Oxford on daytrips. Throughout our journey, questions will be asked about how other cultures continue to affect England. How are national identities created, sustained, and changed? What cultural influences—over the past two-thousand years—have made England the country it is today?

GENL 197B AMERICANS IN PARIS: THE LOST GENERATION (Spring Break Trip)

This course is designed to introduce students to the sites, sounds, literature, and art of the American ex-patriot artistic community, the so-called "Lost Generation," that flourished in and around *la Rive Gauche* (the Left Bank) area of Paris in the 1920s. As part of our explorations of Paris, we will learn about diverse major figures in this American community, including Gertrude Stein, Ernest Hemingway, F. Scott Fitzgerald, Henry Miller, Edith Wharton, Natalie Barney, and Josephine Baker. We will consider how and why Parisian society inspired so many American artists. Knowledge of French is not a prerequisite.

GEOG 210A INTRODUCTION TO REMOTE SENSING AND GIS

This course introduces the fundamental principles of remote sensing from an Earth resource perspective. The course will focus on the use of satellite images to study the Earth's surface, including changes that may result from processes such as deforestation, climate change, desertification, forest fires, urbanization, etc. Emphasis is placed on image analysis of the remote sensor data through lectures and introductory image processing and geographic information system (GIS) techniques. The course will culminate in student projects (individual or small group) applying remote sensing technology to "real world issues" chosen to coincide with students' interests. Past projects have come from some of the topics listed above, to algorithm development to support satellite image processing applications, to land-use planning. This unique course will be taught by visiting scientists from the nearby USGS EROS Center, a federal government facility for remote sensing data storage, distribution, and analysis. The course has both lecture and lab components to introduce concepts and applications using image analysis and GIS software.

HIST 297A LATIN AMERICA FROM 1820 TO 2020

In broad terms, Latin America has been characterized by political instability, brutal civil wars, and great disparity of wealth. Through this course, you will come to understand the people and trends that have created Latin America of today. We take a chronological approach from independence to the present day focusing on three main themes: the creation of the nation-state, the rise of mass politics, and the often pernicious effects of foreign intervention. Beyond this political story, we will also examine art, music, and society to understand how people responded to and challenged their circumstances.

MDFL 294A TOPICS IN MDFL: LANGUAGE AND CULTURE (See ANTH 297A)

MDFL 297A TOPICS IN SPANISH: SPANISH FOR HEALTH CARE PROFESSIONALS

This is an intermediate Spanish course that focuses on the acquisition of the Spanish terminology and grammar necessary for health professionals to communicate effectively with their Hispanic patients. As in an intermediate language class, Spanish will be our sole means of communication and students will be expected to speak in Spanish. We will use our textbook and various websites to acquire the necessary Spanish medical terminology to effectively communicate with our Hispanic population. Besides the vocabulary and grammar needed, we will explore the cultural differences that sometimes interfere with communication. Prerequisites: MDFL 181 or equivalent, or permission of instructor.

MDFL 327A FRENCH SEMINAR: 17th CENTURY FRENCH THEATER

Ce cours a pour but d'explorer l'esthétique du Grand Siècle. Grâce aux lectures proches des chefs-d'œuvre de trois grands dramaturges--Corneille (Horace, Cinna et le film *Le Cid*), Racine (Andromaque, Britannicus et le film *Phèdre*), et Molière (Le Bourgeois Gentilhomme, L'Avare, Les Précieuses ridicules, Les Femmes savantes et le film *Le Misanthrope*)--notre analyse profonde nous guidera vers un triptyque compréhensif. Nous saisirons d'abord la lutte entre l'universalité et l'individualisme. En second lieu nous mettrons en lumière comment les productions du bon goût, de la sociabilité et de l'identité nationale se développèrent au cours du siècle. Finalement nous dégagerons les fils avec lesquels la tapisserie littéraire et artistique se tissa et grâce auxquels la dramaturgie classique atteignit son sommet glorieux.

NURS 197A TRANSCULTURAL NURSING IN ECUADOR (Spring Break Trip)

Senior nursing students will take part in an international service-learning project to the remote jungles of Ecuador with a *Volunteers in Medical Missions* (VIMM) multidisciplinary team. The population served in this remote region is the Shuar Indians of southern Ecuador. Each day is spent in a different village providing medical care. During the clinics, nursing students will have multiple opportunities to work directly with the indigenous people in their natural environment and will begin to practice cultural assessment skills. Previous trips with VIMM have afforded rare opportunities that tourists never have the chance to experience. Students are able to observe first-hand the environment; housing, diet, and daily activities of the Ecuadorian people which will help them gain the knowledge of transcultural care. This, along with their critical thinking skills, will provide opportunities to provide culturally congruent care. Grading S/U

PHIL 297A TOPICS: ENVIRONMENTAL PHILOSOPHY

An introduction to the philosophical issues concerning nature and the environment. Topics may include: philosophy of nature, environmental ethics, animal rights, hunting and fishing, water use, land ethics and agriculture, forestry, ecophenomenology, deep ecologies, environment and social justice, new technologies, wilderness, sustainability, and biodiversity.

PSYC 297A TOPICS: POSITIVE PSYCHOLOGY

A study of the human strengths and virtues that enable people to thrive. This course will examine research on topics such as happiness, purpose and meaning in life, growth through adversity, forgiveness, humility, and humor. It will also explore practical ways of promoting psychological well-being. Prerequisite: PSYC 115 or PSYC 125 or permission of instructor.

PSYC 397A TOPICS: DEPRESSION, UNHAPPINESS, DESPAIR-EXUBERANCE, HAPPINESS, GLADNESS

What is it like to be depressed? How is this different from being unhappy or in despair? What about the opposite positive conditions? We will read two book-length first-person accounts of depression. We will also read one book about depression and one about exuberance written by psychiatrists who approach these subjects with a concern for both the biological and psychological sides. We will read through the Psalms carefully, considering what they have to say about the dark and bright sides of the experience of leading a God-centered life. Grading S/U; Prerequisite: PSYC 110 or permission of instructor.

RELI 197A TOPICS: INTRO TO BIBLICAL HEBREW II (See CLAS 197A)**RELI 235A ISSUES IN THEOLOGICAL ETHICS: SEXUAL ETHICS**

This course will examine contemporary issues of sexuality from the perspective of Christian ethics. These issues will be addressed from within the biblical, theological, historical, social, and philosophical contexts of the Christian tradition as well as from contemporary cultural perspectives. Attention will be given to the practice of constructing helpful practical approaches to difficult contemporary ethical dilemmas regarding sexuality.

RELI 397A TOPICS: CONFESSING LIKE A LUTHERAN

What did it mean to say you were a "Lutheran" during Luther's time? What does it mean today? Are they the same? What Lutherans have understood as normative for Lutheran teachings was not static from the outset. "Confessing Like a Lutheran" traces the historical development and content of the Lutheran Confessions through a thorough analysis of the agreements, disagreements and settlements that shaped Lutheranism for generations to come.

SOCI 297A TOPICS: LANGUAGE AND CULTURE (See ANTH 297A)