

FALL 2010
NON-CATALOG COURSE DESCRIPTIONS

ACCT 300 COMPUTERIZED ACCOUNTING SYSTEMS

An introduction to the integrated computerized accounting system. Hands-on approach in applying the accounting cycle for service and merchandise businesses utilizing a computerized accounting software package. Prerequisite: ACCT 210

ART 297 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.

BIOL 397A INSECT ECOLOGY

Insect ecology is a course designed to familiarize the student with the ecology, evolution, biodiversity and behavior of the world's largest group of animals. 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 also explore the complex interface of human-insect interactions, with special emphases on how these interactions have influenced our global environment. Prerequisite: BIOL 121

BIOL 397B CELL SIGNALING

Cell signaling is a course designed to highlight our emerging understanding of the complicated, yet effective mechanisms that eukaryotic cells use to respond to extracellular signals. The course will consist of lecture two days a week and will explore the disease states that occur when cellular mechanisms are disrupted, either by mutation or environmental insult. Prerequisite: BIOL 234

BSAD 297 TOPICS: BUSINESS INTELLIGENCE

Business intelligence is the use of information systems to inform managerial decision. Businesses today have access to data in unprecedented volume, but often lack the expertise to leverage this data for competitive advantage. This course provides students with the skills to gather, analyze, and transform data into meaningful information. Analytic approaches explored in the course inform, marketing, operations, investment and strategy. Specific topics covered include data mining, web-based analytics, prediction markets and executive dashboards. The course will be delivered through a combination of case studies and hand-on learning with business intelligence tools. Crosslisted with COSC 297. Pre-requisites: BSAD/COSC 205 or COSC 210

CHEM 102 TRUSTEE'S FELLOWSHIP IN CHEMISTRY

This course is limited to those freshmen 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 203 JUSTICE: ENDLESS REVOLUTION: HAITI IN HISTORY AND CULTURE

Haiti holds a signal, yet understudied place in world history. Since its independence, it has stood as a symbol of black power, self-determination, and freedom at any cost. Its subsequent tumultuous history has also kept it at the forefront of negative stereotypes, exotic fascination, and imperialistic interventions. Haiti's complex history and rich culture provide a platform to examine many critical issues, such as: slavery and the politics of self-determination; cultural survivals and syncretism in the Black diaspora; poverty and the ambivalent history of international aid and development; the impact of politics and cultural tradition on the environment; and civil rights, stereotypes and the complexities of racial discrimination. The study of Haiti, therefore, provides a perfect vehicle for examining issues of justice critical to being an informed global citizen. Crosslisted with HIST 397A.

CIVT 204A FREEDOM: ON CHRISTIAN LIBERTY

This course looks at theological, social and political concepts of freedom in the age of the Protestant Reformation. We will begin by looking at Luther's idea of Christian liberty in the context of late medieval and early modern notions of both the freedom of the will and political and social liberties. Then we will turn to the popular reception of Luther's ideas and their relationship to ideals of liberty among other reformers, including the so-called radicals of the Reformation. Finally, we will discuss questions of freedom of conscience and religious toleration in Europe's confessional age. Crosslisted with HIST 324.

CIVT 204B FREEDOM: THE POWER OF LANGUAGE

What does it mean to speak? To write? To communicate with others? This course will examine an ability we usually take for granted – language – and explore how language can both enable and restrict individual and social freedom. At an individual level, we will study how people first acquire language as infants, and what happens when language cannot be acquired (e.g., autism), is lost (e.g., brain damage), or becomes inert (e.g., moving to a new country). At a societal level, we will study historical instances where language has been used for domination (or for resisting such domination), and also consider how broadly language shapes human culture and development: Can we ever truly be “free” if our thoughts and worldview are contained by our language? To what extent can language help us create new realities, new freedoms?

COSC 297 TOPICS: BUSINESS INTELLIGENCE

See BSAD 297

ECON 297 TOPICS: ECONOMIC GEOGRAPHY

This course will examine the distribution of economic activity around the world using basic geographic and economic concepts and tools. It will explore underlying causes and implications of observed geographic distributions using simple theories and models along with numerical illustrations and comparisons. Topics examined will include economic systems, population and migration, resources and agriculture, manufacturing, service industries, urbanization, trade, and development.

EDUC 197 TOPICS: CLASSROOM MANAGEMENT

This course will provide students with an overview of the principles of effective classroom management and strategies to promote positive relationships, cooperation, and purposeful learning.

EDUC 397/597 TOPICS: FOUNDATIONS OF ENL

This course provides students with an overview of the knowledge, skills, and competencies needed to meet the needs of English Language Learners in today’s classrooms and provides the foundation for further study.

EXSC 397A TOPICS: STRENGTH AND CONDITIONING CERTIFICATION PREP

This course is designed to provide a comprehensive overview of strength and conditioning. Emphasis is placed on the exercise sciences, nutrition, exercise technique, program design, organization and administration. Additionally, students who take the course will be prepared to take the certification exam to be certified as a Certified Strength and Conditioning Specialist (CSCS). NOTE: Open to Juniors and Seniors.

EXSC 397B TOPICS: EXERCISE MOTIVATION

This course will acquaint students with the theory and techniques for motivating behavior change. Content will focus on the applications for motivation in physical activity as it applies to health, fitness, rehabilitation and performance.

HIST 397 TOPICS: ENDLESS REVOLUTION: HAITI IN HISTORY AND CULTURE

See CIVT 203A

MDFL 397 TOPICS: THE GERMAN SONG

This course examines the German song from its beginnings through the 20th century. Special attention is paid to those songs that have established themselves as being characteristically German, such as the folk song and the German Lied of the 19th century. Song lyrics and recordings will be used to illustrate linguistic features of the German language as well as the historical events they express and describe. This is an advanced course and is taught in German. Prerequisite: MDFL 231

MDFL 397A TOPICS: LATIN AMERICAN CULTURE & CIVILIZATION

A study of the social, cultural, and political influences that have shaped present-day Latin America. Includes geography and a survey of Latin American history. Conducted in Spanish. Prerequisite: MDFL 281

PHIL 297 ETHICS OF FOOD

All human action expresses ethical values and eating is no exception. Ethical values are expressed in what we choose to eat, how we organize food production, and how we control food distribution. This course will help us recognize and wrestle with these values through an investigation of the ethical issues involved in genetically modified foods, organic farming, vegetarianism, the local foods movement, supermarket and fast food retailing, global agricultural production and trade (including fair trade, free trade, agricultural subsidies, etc.), global malnutrition and food shortages, and the interrelatedness of many of these issues.

RELI 197 HEBREW READINGS

This course will develop student's ability to read and understand biblical Hebrew narrative. We will continue to develop a basic working vocabulary with a goal of mastering words occurring 50 times or more in the Hebrew Bible. We will also discuss unusual points of grammar that come up in the readings, and become familiar with the standard research tools and references for biblical Hebrew language and grammar. Finally, as time permits, we will discuss larger issues of theology, historical background and scholarly criticism with a standard exegetical approach.