

**FALL 2012**  
**NON-CATALOG COURSE DESCRIPTIONS**

**ACCT 300 COMPUTERIZED ACCOUNTING SYSTEMS**

This course is a comprehensive approach to teaching accounting concepts in a software environment. The 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.

**ANTH 376 PREHISTORY OF THE NORTHERN PLAINS**

The Northern Plains of North America is a vast territory stretching from central Manitoba and Saskatchewan south to Nebraska, east to northern Iowa and west to the Rocky Mountains. It is a stark and harsh landscape but one with abundant streams, animals (particularly bison), and wild plants. These resources sustained Native American populations for over 12,000 years. The course will trace the earliest small nomadic mammoth and bison hunting groups, through the development of agricultural groups living in large permanent earthlodge villages to the ultimate dramatic collapse of Native culture in the 19th century through a combination of inter-tribal warfare, epidemic disease and the colonization of the area by Euroamericans. Recommended (but not required) prerequisite: ANTH 270

**BIOL 303 BIOLOGICAL PHYSICS**

(See PHYS 303)

**BSAD 397 SPORT LAW**

This course will examine the legal environment in which professional and amateur sport operates. Areas of law to be examined include, but may not be limited to, contract, tort, criminal, intellectual property, agency, dispute resolution and the court system. This course may be substituted for BSAD 340 for BSAD or SM majors.

**CIVT 204A FREEDOM: LIFE TOGETHER: THE ETHICS OF DIETRICH BONHOEFFER**

This course examines the social, ethical, and theological question of “how then shall we live in community” through the lens of Dietrich Bonhoeffer's ethics. At the heart of Bonhoeffer's ethical approach is a unique concept of Freedom that sees “life together” as loving the neighbor freely in community. As a Lutheran pastor, scholar, teacher, and spy during the rise and fall of the Third Reich in Germany, Bonhoeffer offers a particular perspective on how we ought to “live together” in community with God, self, others, and the world.

**CIVT 204B FREEDOM: RACE & FREEDOM IN AMERICA, 1600-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 207 LATIN III**

This course is a continuation of the fundamentals of Latin grammar, including participles, gerunds and gerundive constructions, indirect statement, and all subjunctive constructions. Prerequisite: CLAS 205 & 206

**CLAS 297A 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. Cross listed with HIST 297A.

### **ECON 373 ECONOMETRICS**

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. Prerequisites: ECON 120, 121 and either ECON/BSAD/PSYC 270 or MATH 315.

### **EDUC 297 TOPICS: ENL LINGUISTICS**

What is known about human language, its structure, its universality, and its diversity? This linguistics course, the scientific study of language, will include an introduction to the theory and methods of linguistics and cover language acquisition as it applies to English Language Learners.

### **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.

### **HIST 297 TOPICS: IMAGINING ANTIQUITY**

See CLAS 297A

### **HIST 297 AGE OF DISCOVERY AND CONQUEST, 1450-1700**

This class will examine the period of momentous changes when European countries began exploring the globe and came into contact with Africa, Asia, and Latin America. We first study the society and beliefs of these areas to help us understand the initial interactions between Europeans and the peoples they encountered. We turn to culture, religion, and technology to explain the violence of conquest. Lastly, we investigate the longer term consequences of this period particularly in terms of its complex cultural and racial transformations. The class will emphasize such themes as imperialism, ecology, slavery, religious missions, and racial violence.

### **MDFL 397 TOPICS IN MFL (NON-LIT): SPAIN AND ISLAM**

In this course we will examine, in its many respects, the role that Islam has played through much of Spain's history. We will focus our attention on the historical contexts of contact and conflict between Christian and Muslim communities between the 8th and 17th centuries, with the primary interest of considering how such contact shaped the societies and cultures of the region. At the end of the course, we will also consider some modern perspectives on how these dynamics have shaped notions of Spanish identity. Knowledge of Spanish helpful but not required. Conducted in English.

### **PHIL 297 TOPICS: MARX AND MODERN LIFE**

Few thinkers are as strongly condemned as Karl Marx, and yet his work continues to have a significant influence on economic, political, and social thought around the world. How can this be? What did Marx really think and why did he think it? Why don't his ideas go away? In attempting to answer these questions, we'll critically examine Marx's own work as well as his influence on recent reflections on consumer society, globalization, the production of culture, education, gender relations, the environment, and theology. There will also be attention to recent political movements that have drawn on his work. The goal of this class will be a critical understanding and evaluation of Marx's ideas and their continuing influence.

### **PHIL 332 SEMINAR: THE METAPHYSICS OF FREEDOM**

In this course we will discuss one of the most debated questions in the history of philosophy: the nature of free will. We will consider such questions as: Is human freedom compatible with determinism, or does our ability to act freely require us to be "uncaused causes" of our actions? If the natural world is indeterministic, does that leave room for freedom or simply make our actions "a matter of chance"? What can the sciences tell us about free will? The existence and extent of our freedom will matter in so far as free will is necessary for moral responsibility and meaningful living, so we will examine the relationship between these concepts.

### **PHYS 303 BIOLOGICAL PHYSICS**

This course will introduce a series of physical principles, based on statistical mechanics, which can be used to examine biological questions, specifically questions involving how cells function. Starting with a very general discussion of energy and order, we will develop a set of statistical and thermodynamics models for understanding the molecular machinery of life. Biological questions to be explored include: How can living organisms be so highly ordered? Why is the nanoworld so different from the macroworld? Given the random nature of the nanoworld, how can we form predictive descriptions of what's going on down there? If energy is always conserved, why can some devices be more efficient than others? What keeps cells full of fluid? How can a membrane push fluid against a pressure gradient? Why don't bacteria swim like fish? How can a molecular machine, sitting in the middle of a well-mixed solution, do useful work? In constructing the answers to these biological questions, we will lay the conceptual groundwork for the emerging fields of nanotechnology and soft materials, since the inspiration for these fields often comes from tiny cellular machines and their component parts. Prerequisites: PHYS 222 OR 202 (or approval of instructor), CHEM 120 or comparable background. Calculus will be used without apology.

### **PSYC 397 TOPICS: POSITIVE PSYCHOLOGY**

A study of the human strengths and virtues that enable people to thrive, this course surveys the emerging field of Positive Psychology, focusing on major theories and latest research findings. This course will examine research on topics such as happiness, purpose and meaning in life, growth through adversity, forgiveness, humility, and humor. Students will read and discuss research and try out and analyze practical ways of promoting psychological well-being. Prerequisite: One previous course in Psychology.

### **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.

### **SPAN 297 TOPICS IN SPANISH: SPANISH FOR BUSINESS**

This is an intermediate Spanish course for business students or students with an interest in improving their Spanish in terms of business. This class is a complete and integrated learning experience in which language is the medium, culture is the context, and business interaction is the content. Listening, speaking, reading and writing skills are developed through business-culture themes presented from Hispanic perspectives. Conducted in Spanish. Prerequisite: MDFL 181

### **SPAN 397 TOPICS IN SPANISH (NON-LIT): SPAIN AND ISLAM**

In this course we will examine, in its many respects, the role that Islam has played through much of Spain's history. We will focus our attention on the historical contexts of contact and conflict between Christian and Muslim communities between the 8th and 17th centuries, with the primary interest of considering how such contact shaped the societies and cultures of the region. At the end of the course, we will also consider some modern perspectives on how these dynamics have shaped notions of Spanish identity. PREREQ: SPAN 320 or SPAN 321 (Spanish Comp./Con. 1 or 2). Conducted in English, but students registering for SPAN 397 will complete the following:

- produce their final paper and any other written assignments in Spanish
- additional reading assignments in Spanish
- attend a weekly discussion (one hour) TBA in which the course material and supplementary readings will be further discussed and analyzed

### **THEA 397 TOPICS: FASHION HISTORY**

In this survey of western fashion and costuming practices, students will investigate historical silhouettes and garments within the context of the historical moment in which they were worn.

