

**INTERIM 2014**  
**NON-CATALOG COURSE DESCRIPTIONS**

**BIOL 397A 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 explore some of the disease states that occur when cellular signaling mechanisms are disrupted, either by mutation or environmental insult. Lectures will be supplemented with guest speakers, group projects, and student led discussions in the form of journal clubs and presentations. Prerequisite: BIOL 234.

**BIOL 397A A TOPICS: EVOLUTIONARY DEVELOPMENTAL BIOLOGY**

Evolutionary developmental biology is a rapidly expanding field of biology integrating concepts from genetics, molecular biology, cell biology, development, ecology and evolution. This course investigates the cellular and molecular processes involved in regulating animal development and how changes in these processes underlie the evolution of animal design. Topics to be covered include the history of animal evolution, model system developmental genetics, genetic regulatory mechanisms, and the genetic basis of animal biodiversity. Prerequisite: BIOL 233; Grading: A-F

**CHEM 397 TOPICS IN CHEMISTRY: PHYSICAL CHEMISTRY FOR THE CHEMICAL AND BIOLOGICAL SCIENCES**

Biological molecules underlie all of life and represent chemistry far more complex than most chemists encounter. On the other hand, they of course follow all of nature's principles (chemistry), and so can be approached from that perspective. The principles of physical chemistry (thermodynamics, kinetics and quantum mechanics, and spectroscopy) are the key to understanding both the behavior of these molecules (e.g., folding, binding, catalysis, and transport in-and-out of the cell) and the techniques available for their structure and function. This course aims to convey how these principles are applied to biological systems. The course will emphasize problem solving, with the goal of understanding, not memorization. Computer resources will introduce us to tools for understanding structure and interactions, protein folding, complex binding equilibrium, transport properties, enzyme kinetics, and spectroscopic properties. This course will apply calculus and statistical mechanics with no apology. This interdisciplinary course is connected to several disciplines, such as physical chemistry, biology, mathematics, physics, biochemistry and biophysics. This course is intended for students majoring in chemistry, biochemistry, physics, biology and mathematics with departmental approval. Prerequisites: CHEM 301 or PHYS 351 or PHYS 303 or BIOL 303.

**CIVT 202 PERTINENCE: WHO'S AFRAID OF MODERN ART**

This course examines developments in art and visual culture from the middle of the twentieth century to the present through select discrete topical units. Students will engage critically both visual examples and seminal texts produced by significant art historians, philosophers, art critics and artists. We will read key primary works and a selection of interpretive studies addressing issues of modernism and post-modernism. Class discussions will consider those readings and questions of visual and cultural interpretation. Additionally, students will engage with some of the major controversies of the art world in the post-modern era, and will use these controversies as case studies to approach broader issues of what it means to be a culturally engaged citizen in the contemporary world. Cross listed with ART 313.

**CIVT 203 JUSTICE IS HIGH (ON HEROIN): HBO'S *THE WIRE***

In this class, students will analyze the concept of justice as it is represented in *The Wire*, a five-season HBO drama, created by journalist David Simon, about Baltimore's struggle with illicit drug trafficking, police brutality, political corruption, and failed educational and media systems. The series, considered by many critics to be one of the best television series ever produced, will be used to address questions of justice affecting everyday life in an urban setting: class, race, gender, sexuality. The class will also consider other works by Simon to make further connections about justice in contemporary urban America. Grading A-F

**ENGL 140 CONTEMPORARY FILM AESTHETICS**

This course develops an aesthetic and critical appreciation of film by examining artistic trends and critical theories in contemporary cinematography. The course focuses on visual imagery, sound, story, acting, and directing to develop a critical framework for appreciating the artistic aspects of film. Students are challenged to think about how filmmakers use these elements of the motion picture to create films of enduring worth in what is perhaps the most popular medium of fine art in the twenty-first century.

**ENGL 168 CRIMINAL BEHAVIOR IN SOCIETY AND MEDIA**

This course will examine crime-based television series and films, as well as crime fiction from the 19th century to the present. Works will be analyzed from historical, literary, and social perspectives. Study of the evolution of real-life crimes, the mindset of criminals, and the investigative techniques used in crime solving will provide students the opportunity to analyze the nature of crime as represented in the various media. The course will identify criminal behavior, the forces that perpetuate such behavior, and the effects of crime on criminals, victims, and society.

**ENGL 211 CULTURE ON ICE: FIGURE SKATING, GENDER, AND THE MEDIA**

This course examines sports, through a specialized focus on figure skating, as a social system that transmits messages about diverse and important social forces, such as gender, class, nationalism, and conformity. In addition, the course will look at how the impact of traditional and non-traditional media affect how such forces and the sport itself are perceived by the public. The course will also stress the duality of sports culture by looking at figure skating in terms of its importance both to those who participate in it and those who watch it with varying degrees of intensity and interest. Cross listed with GENS 211.

**GENL 173A BALLET: TOES N' TUNES**

This course will serve as an introduction to ballet and its music to help students of all disciplines appreciate this art form. Students are to gain a general knowledge of the following: influential choreographers, composers, dance troupes, great dancers and the history of western dance. Students will have the opportunity to see videos of the great ballets, and hear the orchestral compositions written for these works. There will also be a planned field trip to experience a live performance (TBA). May be applied to A3.5B. Note: Special fee (TBA) for field trip.

**GENL 206A EMERGENCY MEDICAL TECHNICIAN**

This class provides the first phase of training in the career of an Emergency Medical Technician. The class consists of 120 hours of instruction including didactic, practical labs, and hospital trauma center observation. The course work emphasizes the development of the student's skill in recognition of the signs and symptoms of illnesses and injuries, and the proper performance of emergency care procedures. CPR Healthcare Provider is a prerequisite or co-requisite (may be taken during class for \$40 fee). Upon completion of the course, the student is eligible for the National Registry of Emergency Medical Technician-Basic practical and written examinations conducted by the SD Department of Public Safety EMS Division. NOTE: Special fees: \$725 (tuition), \$125 (book) payable to Avera McKennan Hospital on the first day of class, and \$70 testing fee paid to the National Registry of EMTs when application is submitted. Grading: A-F

**GENL 297A TOPICS: DHARMA: LIFE AND RELIGION AND MUSIC IN CONTEMPORARY INDIA A3.6**

This study course travels Northern India. Students study the Ramayana and the Bhavagad Gita as foundation texts. Students are introduced to Indian music, performing artists, and the tradition of yoga. Students study Hinduism on the banks of the Ganges and Buddhism under the branches of the Bodhi Tree. The course begins in Delhi, India's capital city, and continues to Agra, Bodhgaya, Varanasi, Jaipur, Kolkata, and Haridwar. At each site students explore literature, history, culture, and music that express the truths of the religious traditions. Grading: A-F

**GENS 211 CULTURE ON ICE: FIGURE SKATING, GENDER, AND THE MEDIA**

(See ENGL 211)

**GOVT 297A TOPICS IN GOVERNMENT: POLITICS AND POLITICIANS IN AMERICAN FILM**

This course explores the way political films convey an understanding of politics and political actors and institutions. In certain cases, the understanding yielded by political films is very accurate; in others, it is less so. Films will be used for surveying a broad array of topics from the field of political science, including legislative behavior, presidential politics, campaigns and elections, the exercise of political leadership, public opinion, and the development of democratic governance. Grading A-F

**HIST 197: LATIN AMERICA AT THE MOVIES A3.6**

As intellectuals in Latin America have noted, the history of the region surpasses any fiction. In this class, you will have a chance to judge for yourself. Filmmakers have found the history of Latin America fertile inspiration for their creative works. We will be screening some of the best films made by Latin Americans and by Hollywood. These will address complex topics like 1492, slavery, the Cuban Revolution, violence in today's society, and the ravages of the drug trade. These movies plus our classwork will help you better understand the history of Latin America and its people of today.

**MUSI 297A BYRD AND THE B'S: SURVEY OF CHORAL LITERATURE 16<sup>TH</sup>-20<sup>TH</sup> CENTURIES**

This course will focus on the development and dissemination of choral music during the Renaissance, Baroque/Classical, Romantic and 20th-century time periods. The course will focus on the hallmarks of musical style of the period and how choral music both reflected and may have influenced such things, as well as how such music has developed through time; that is, as a result of what came before and an indicator of what was to come. The "lens" through which this music will be explored will be that of four of the most significant composers of both the period generally, and choral music, specifically: William Byrd (1540-1623), J. S. Bach (1685-1750), Johannes Brahms (1833-1897) and Benjamin Britten (1913-1976). This course will also focus on the choral music of each aforementioned period in musical history with regard to its relation to musical style and the development of choral music over time. Specifically, the choral music of each period will be examined as well as either its relation to what came before and its influence on what was to come. The specific composer and their output will be utilized as a frame of reference, a benchmark, if you will, for each historical period as a means with which both to define choral style of the period and compare it to others. Grading A-F

**PE 131A OFFICIATING FOOTBALL**

This course is designed for students who have an interest in learning how to officiate football. Rules, rule interpretations, and football officiating mechanics will be examined. Lecture, discussion, videotapes, and presentations by certified football officials will be utilized. This course prepares the student to take the state certification test. Does not satisfy Area 1.3. Grading: S/U

**PSYC 297 TOPICS: CULTURAL PSYCHOLOGY IN NORTHEAST BRAZIL**

Traditional psychology often seeks (or even assumes) universals of human nature, but the emerging field of cultural psychology challenges us to consider how much of human thought and behavior is truly universal, and how much is constrained by our cultural contexts. Culture can be a nearly invisible force in our daily lives, if we live in a homogenous society, yet we also run the risk of overemphasizing it if we study others from a distance (too easy to assume "they" must be completely foreign and exotic). This course will provide you with the opportunity to gain a new, balanced perspective through immersion in another culture. As you will discover, Brazil is a nation with both striking similarities and differences to the US. You will read about its culture and history, hear from local experts, and personally experience Brazilian daily life in several cities as well as the countryside. You will also read psychological research on observed differences, and then collect and analyze your own data. Throughout your brief experience as a 'foreigner,' we will emphasize learning how to understand and interact successfully and respectfully with people from other cultures.

**SPAN 297/397 TOPICS IN HISPANIC CIVILIZATIONS AND CULTURES: CONVERSACIÓN Y PRÁCTICA ORAL**

This course is designed to provide students with opportunities to develop their oral expression in Spanish, as well as to continue developing their grasp of key grammar concepts and vocabulary. Students will engage in a variety of activities including group and class discussions about contemporary issues, debates, and presentations and other kinds of "sharing" projects. Conducted in Spanish. Prerequisites: SPAN 210 for SPAN 297; SPAN 211 for SPAN 397.

**THEA 397 TOPICS: TOURING OF A *MIDSUMMER NIGHT'S DREAM***

This course will focus on the aspects of theatrical touring. The production of *A Midsummer Night's Dream* will be mounted in 7-10 different theatres in our region, learning the differences and nuances of different venues including load in and load out, different lighting systems, various stages, local management, and advancing each venue. The course also incorporates attendance at the Region V, Kennedy Center American College Theatre Festival.