

# ***New Course Descriptions for Fall Term 2017***

## **Not Listed in 2016-2017 Catalog**

(updated 8/11/17)

### **BIOL/ES 133: Marine Ecology (4)**

**Godard/Wilson**

Students in this course will examine the ecology of marine ecosystems. Additionally, they will learn to recognize and identify characteristics and behavior of more than 100 marine species. This course is only open to students that will be participating in The Caribbean Environment Short Term Course. Students will be enrolled by instructor.

### **BIOL/ES 350: Special Topics: Biogeochemistry: An Analysis of Global Change (4)**

**Carmichael**

Much like the human body, the Earth's climate and ecological systems have been finely tuned to maintain homeostasis. In the human body, this occurs via feedback loops and exchange between major organ systems. In the Earth's climate and ecological systems, this balance is maintained by the flow of energy and materials. Biogeochemistry is the study of this flow of energy and materials within the Earth's planetary system. In this course, we will cover processes that control the cycling of C, N, and P and other biochemical elements in terrestrial and aquatic systems, with special emphasis placed on the coupling between human and natural systems. Topics include the origin of Earth and the development of elemental cycles, the Earth as a chemical system, the biogeochemical cycling of elements in the atmosphere, lithosphere, and biosphere, the global cycles of H<sub>2</sub>O, C, N and P, and the expanding human footprint on biogeochemical processes. Prerequisite: CHEM 101/102 or CHEM 105, BIOL 207 or BIOL/ES 117.

### **CMPS 217: Data Structures (4)**

**Schrementi**

Students will study fundamental data structures and their applications to problem solving. Object-oriented programming (OOP) is introduced and OOP techniques are explored, including inheritance, polymorphism, interfaces, and abstract classes.

### **CMPS 335: Data Mining Techniques (2)**

**Schrementi**

Students will study supervised and unsupervised strategies for data analysis and predictive modeling, including decision trees, clustering, and association rule learning. Prerequisite/Corequisite: MATH 241 and permission.

### **DANC 350: Special Topics: The Moving Dance Project (4)**

**Chappell**

This course is designed to engage students in Jeffery Bullock's research process and dance making with a strong emphasis on the relationship between research, performance and practice. This course will integrate advanced and intermediate students into a professionally oriented working environment in dance. Enrollment by special permission only.

### **ENG/GWS 350: Special Topics: Writing from the Hyphen: An Introduction to Latinx Literature (4)**

**Miller**

In this class, students will examine how Latinx identities have been negotiated by exploring a range of genres, including short fiction, novels, poetry, essays, comics, and film. Students will engage in scholarly conversations about constructions of "Latinidad" in terms of race, gender, sexuality, and class while also exploring the relationship of Latinx artists to their communities and popular culture. Prerequisite: Sophomore standing or permission. (w, x, AES, DIV)

### **ENG 350: Special Topics: Studies in the Nineteenth-Century Novel: The Brontës (4)**

**Pfeiffer**

We will read the poetry and novels of the three Brontë sisters in the context of the conflict between their public lives as domestic women and their private lives as wildly imaginative artists. Through a careful investigation of the work of one family of talented writers, we will consider the larger issues of art and gender in the nineteenth century.

### **ENG 350: Special Topics: Advanced Seminar in Fiction Technique (4)**

**Poliner**

This seminar is designed to improve the skills of fiction writers and to provide a solid and sophisticated foundation in fiction technique. Emphasis will be on the use of writing exercises to focus on elements of fiction technique, including narration, dialogue, scene, description, word choice, and setting. Students will also analyze published fiction, and critique their own work in progress. Prerequisite: English 207/208. Open to graduate students.

### **FILM 250: Special Topics: Horror Films (4)**

**Berke**

In this course, we will examine the form and politics of the horror film, as well as consider its status as a self-referential genre that deconstructs both its own conventions and film spectatorship itself. Films under study include *Psycho*, *Rosemary's Baby*, *The Shining*, *Scream*, and *Get Out*, among numerous others, with readings from Peter Hutchings, Linda Williams, and Carol Clover.

**FREN 350: Special Topics: Children's Literature in French (4)****Sampon-Nicolas**

A detailed study of French children's literature. Through the study of fairy tales, the Countess de Ségur's novels for young girls, as well as contemporary novels for adolescents, students will study how childhood has changed for French children from the 17th century to the 21st century. Prerequisite: 200-level course.

**GWS/POLS 250: Special Topics: Women and Addiction: A Feminist Analysis (4)****Thomas**

This course explores addiction within the contexts of the social construction of gender, popular culture and mental health. Discussion topics include the relationship between alcohol and drug abuse and a variety of forms of violence against women; the role that alcohol and drugs play in a hypersexualized consumer culture that enforces rigid gender roles; and the role of corrosive capitalism in promoting addiction as a means of suppressing class struggle and racial justice movements, among others. Through class discussions, readings, films, and in-class activities, students will gain a better perspective on gender, intersectionality, and addiction.

**GWS 350: Special Topics: Girlhood Studies (4)****Costa**

This course will explore the interdisciplinary field of girlhood studies. We will consider the cultural representations and productions of girls and girl cultures, academic and popular. Themes of investigation may include: gender socialization, racialization, sexuality, self-esteem, identity formation, media, consumption, empowerment, agency & activism. Discussions will be grounded in feminist intersectional approaches that investigate the diversities and commonalities of girls' experiences as well as the larger structures of power that shape girls' experiences. Students will have the opportunity to learn about girls' experiences and organizations at the local, national and global levels.

**HIST 250: Special Topics: African-American History to 1865 (4)****Price**

The purpose of this course is to examine the African American experience in the United States from 1607 to 1865. Prominent themes include the nature of the slave trade, the introduction and evolution of slavery, the status of blacks in the North, and the religion, culture, and family structures within African-American society.

**INTL/POLS/REL 237: Religion and Global Politics (4)****Schwarz**

This course uses a critical lens to explore religion in global politics. Students will examine and analyze a range of topics, including the compatibility of religion with democracy, issues of gender in religion and politics, the politics of religious freedom, religious humanitarianism and development, and religion and politics in the public sphere. We will problematize our assumptions about "religion," "secularism," and "politics" and strive to move beyond common misperceptions about Christianity, Islam, Judaism, and other religions, and the roles they play in global politics. Instead of treating religious traditions and communities as static entities, we will view religions as "lived" - paying attention to the historical, social, and cultural contextual factors that shape religious actors and their political actions. Students will develop their understandings of how diverse religious, political, and cultural communities conceptualize and act on a range of religious and political issues. Students will learn to think critically about religion and global politics and present a clear and cogent argument on a related theme. Prerequisite: INTL 120, POLS 102, POLS 103, or REL 126 or permission. Open to first-year students with permission. (w, x, MOD)

**MATH 351: Differential Equations (2)****Kennedy**

An introduction to ordinary differential equations with an emphasis on applications. The course topics include first order differential equations, separable equations, linear second order differential equations, the Laplace Transform, series solutions, and numerical methods. Prerequisite: Math 242 or equivalent.

**PSY 281: Professional Development in Psychology (2)****Pempek Rahl**

This course will introduce students to career options available with a bachelor's degree in psychology. Course activities and guest speakers will help prepare students to apply to graduate programs and employment opportunities. Examples of topics covered include careers in psychology, internship opportunities, the graduate school application process, resume writing, and tips for interviewing. Prerequisite: PSY 141

**REL 250: Special Topics: Sacred Story: Scriptures of the World's Religions (4)****Derrick**

This class is a survey of the major world religions through the voices of their sacred stories. We will consider how religious traditions understand and use their sacred texts – an exciting challenge since the meaning of these texts is not always clear. The course provides an opportunity to dig deeper into the texts, with the help of modern interpretation, to discover the richness of these religious writings and the faiths which inspired them. No prerequisite. Open to first-year students. (f, w, x, PRE)

**SOC 250: Special Topics: Deviance and Social Control (4)****Richardson**

This course will introduce students to the study of deviant behavior and mechanisms of social control. We will begin by learning the major criminological theories and how they explain deviance, including: strain/anomie theory, social disorganization theory, learning theory, control theory, labeling theory, conflict theory, and critical criminological theories. Mechanisms of social control include institutionalization, medicalization, punishment/deterrence, public fear, and felony disenfranchisement.

**SPAN 232: Conversation and Composition: Readings (4)****Diaz**

Students will develop writing and speaking skills at an advanced level using Hispanic short stories as the point of departure. Class discussions about the readings and frequent short writing assignments will allow students to hone their speaking and writing abilities in Spanish. Designation: Language/literature. Prerequisite: Placement, SPAN 112, SPAN 121, or permission.

**SPAN 362: Spanish Translation (4)****Ridley**

This course focuses on the history of translation and translation theory as well as the challenges in producing accurate translations due to idioms, false cognates, and differing vocabularies from one Spanish-speaking country to another. We will focus on the importance of contextual translations over literal, word-for-word translations. The course also includes segments on translation in various professions including business, medicine, and the law. The majority of the class will be dedicated to Spanish to English translations, but some English to Spanish translation will also be included. Designation: Language course. Prerequisite: Placement, one 200-level course, or permission.

**THEA/GWS 250: Special Topics: Theatre For Social Change (4)****Nelson**

Performance and performativity are radical ways to engage with notions of self, society, and identity politics. Who are we? How do we connect to our communities? How do we change alone and together? This class will delve into these questions, pulling from the world of queer and feminist theory, philosophy, and performance aesthetics, and exploring the exciting new territories that spring up when these worlds collide.

**UNIV 250: Learning To Thrive: Academic and Personal Well-Being (2)****Beach**

Many people say they want to be successful, productive, and well, but few pause to explore what those terms and constructs mean. How does one define academic success? What does one mean by productive? What counts as being well? This course brings together intrapersonal, interpersonal, and rhetorical theories and practices to identify the many answers to these questions. Students who complete this course will learn skills useful for building an academic life of purpose, vitality, and resilience by gaining a better understanding of their own academic and personal well-being while developing a time management plan and identifying proactive and reactive behaviors that align with their academic and personal well-being goals. This course replaces COMM 250: Communication and Well-Being and is not open to students who have previously taken Communication and Well-Being.

## Courses with New Descriptions

**BIOL 471: Senior Seminar (2)****Gleim**

All majors are required to take this course during the fall term of their senior year. Students in this capstone course will draw upon course content from their major to explore common readings and present on a relevant topic of interest. In addition, each student will prepare a portfolio summarizing her academic experiences (to include a curriculum vitae, resume, and cover letter, as well as summaries of coursework and skills attained, internships and abroad experiences).

**CMPS 160: Computer Science I (4)****Blankenship**

An introduction to computer science. Emphasis is placed on the software development life cycle (SDLC), including logical thinking, developing algorithms, and solving problems programmatically. Students will learn basic programming using Python and will learn to design, write, debug and document programs that range from simple to medium complexity. Open to first-year students. Prerequisite: q. (Q)

**ENG/FILM 353: Film as a Narrative Art I: Polanski (4)****Dillard**

A study of films by directors such as Sir Alfred Hitchcock, Ingmar Bergman, and Roman Polanski as moral, aesthetic, and psychological narratives, with particular attention to the development of cinematic style in relation to concerns throughout their careers. Subject: Films of Roman Polanski such as *Knife in the Water*, *Repulsion*, *Cul-de-Sac*, *Dance of the Vampires*, *Rosemary's Baby*, *Macbeth*, *Chinatown*, *The Tenant*, *Tess*, *Frantic*, *Bitter Moon*, *Death and the Maiden*, *The Pianist*. Also listed as FILM 353. Prerequisite: Sophomore standing.