



WASHINGTON  
& JEFFERSON

COLLEGE

*Intersession*  
*2010*

*January 7 - 29, 2010*



Please note: This catalog is current as of 11-4-09  
Any changes or cancellations will be posted at a later date.

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**Alphabetical Listing of All Courses by Course Number**

Course Number & Title:                   **ACC 341 - Taxation of Business Entities**  
Instructor:                                   Mr. K. Wayne Robison  
Meeting Place, Days & Time(s):       BUR 303                   MTWRF           1:00 – 3:30 PM

Description:  
An introduction to the study of income tax regulations and analysis of income tax considerations relative to the different types of taxpayers with emphasis on business entities, including sole proprietorships, partnerships, corporations, and limited liability companies. A broad range of tax concepts and issues are introduced. Includes a review of tax compliance, tax planning matters, and the role of taxation in the business decision-making process.

Major:                                       Counts  
Minor:                                       Counts  
Grading System:                         Tests, quizzes, student participation, practice set/case study.  
Special Needs/Costs:                   Access to Internet  
Maximum Enrollment:                   30  
Gen-Ed:  
Skills/Program:  
Prereq.:                                   ACC 212; Minimum grade C, TR

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Course Number & Title:                   **ACC 361       Governmental & Non-Profit Accounting**  
Instructor:                                   Mr. Stephen Kuhn  
Meeting Place, Days & Time(s):       BUR 303                   MTWRF           9:30 AM-12:00 PM

Description:  
A study of accounting and reporting for governmental nonprofit entities as defined by the authoritative pronouncements of the Governmental Accounting Standards Board (GASB) and for private nonprofit entities as defined by the Financial Accounting Standards Board (FASB).

Major: Counts  
Minor: Counts  
Grading System: Three tests and class participation.  
Special Needs/Costs: None  
Maximum Enrollment:                   20  
Gen-Ed:

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Skills/Program:

Prereq.: ACC-212; Minimum grade C,TR

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Course Number & Title:                   **ANT 280**            **Introduction to Archaeology**

Instructor:                                   Dr. Edward Greb

Meeting Place, Days & Time(s):       MAI 205            MTWR            12:00 – 2:30 PM

Description:

Archaeology, a subdivision of anthropology that examines extinct human societies using the remaining artifacts to their behavior, will cover the history, objectives, methods, theories, and current condition of the discipline. General focus will be on North, Central and South American sites with special emphasis on sites located in Pennsylvania. Included will be discussions of contemporary ‘Americanist’ archaeology.

Major: Counts

Minor: Counts

Grading System: Two examinations involving objective and essay sections. A ‘site’ ethnography also will be part of the final grade.

Special Needs/Costs: Old Clothes

Maximum Enrollment:                   20

Gen-Ed:                                       SSC

Skills/Program:

Prereq.:                                      None

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Course Number & Title:                   **ART 247**            **Special Topics – Stone Sculpture**

Instructor:                                   Ms. Patricia D. Maloney

Meeting Place, Days & Time(s):       OLN 117            MTWR            12:00 – 3:00 PM

Description:

Students will explore three-dimensional form through the ancient art of stone carving. Works by Arp, Brancusi, Claudel, Goldsworthy, Goodacre, Lin, Michelangelo, Noguchi and Rodin will be studied. The class will be sculpting maquettes using plaster and vermiculite and develop the skills needed to work with limestone, soapstone and alabaster. Forms studied will be human, plant and animal. Elements of design such as line, shape, texture and color will naturally be covered so that the vein-like patterns in these stones can be worked creatively into the design of each sculpture. Students will learn to use rasps, files, rifflers, chisels and finishing polishes. This course is for the beginner.

Major: Does not count

Minor: Does not count

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Grading System: Art Work, Critique, Written “Artist Statement,” Paper, Power Point and Final Exam

Special Needs/Costs: Riffler - \$37.99 and Ceramic Sculpture Tool Kit - \$20.00

Maximum Enrollment: 12 (6 Reserved for Freshmen)

Gen-Ed: ARTS

Skills/Program:

Prereq.:

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Course Number & Title: **BIO 149 Freshman Cell Biology Workshop**

Instructor: Dr. Candy DeBerry

Meeting Place, Days & Time(s): D-P 102 MTWRF 9:00 AM – 4:00 PM

Description:

BIO149 is an intensive laboratory-based course which will provide freshmen with hands-on experience in various techniques and procedures used in Cell Biology research, including preparation of solutions, culture of human cancer cells, brightfield and phase-contrast microscopy, and indirect immunofluorescence microscopy for detection of intracellular proteins. Freshmen will work on individual projects with the assistance of experienced upperclass students. At the end of the course students will present their results as a scientific poster at a public poster session.

The course is designed for highly-motivated freshmen who are considering careers in biomedical research and who will have completed BIO 101 General Biology I. **Enrollment by permission of the Instructor only.**

Major: Does not count

Minor: Does not count

Grading System: Class participation, quizzes, laboratory notebook, scientific poster

Special Needs/Costs: \$100 lab fee/student

Maximum Enrollment: 6 All reserved for freshmen (Instructor Permission required)

Gen-Ed:

Skills/Program:

Prereq.: BIO 101

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Course Number & Title:	<b>BIO 207</b>	<b>Field Ornithology</b>	
Instructor:	Dr. Thomas Contreras		
Meeting Place, Days & Time(s):	D-P 305	MTWR	7:00 – 11:20 AM

Description:

Birds are one of the most widely studied animals in the world with more information gathered on their physiology, behavior, and ecology than any other class of vertebrates. Their diversity, ecology, and behavior have made them interesting subjects for studies in many areas of biology, from genetics and neurophysiology to landscape ecology and ecosystem science. In North America, much of the research related to avian ecological questions has focused on neotropical migrant bird species, particularly species of special conservation concern, with less attention paid to resident bird species. But there has been a growing realization by many ornithologists, avian ecologists, and conservation biologists that more needs to be known about the role of resident bird species in the ecosystems of North America, especially in human-dominated landscapes. The purpose of this course is to not only familiarize students with general bird biology but to focus on the evolutionary history and ecology of winter resident bird species in southwestern Pennsylvania, with an emphasis on conservation and ecological questions related to the maintenance of resident bird populations in the region. Therefore, as a field course, we will examine methods used to census bird populations in the wild and assess adaptations that allow winter resident species to survive the extreme conditions of a southwestern Pennsylvania winter. Students will be required to design and implement a field research project at the Abernathy Field Station, focusing on topics/questions and methodology covered in the course.

Major: Counts

Minor: Does not count

Grading System:

1. Quizzes both in classroom and in the field.
2. Students will submit a written report on their research project conducted at the Abernathy Field Station.
3. Students will give an oral or poster presentation on their research at the end of the course

Special Needs/Costs:

1. Binoculars
2. Clothes appropriate for working outside during January in southwestern PA
3. \$100 laboratory fee

Maximum Enrollment: 10

Gen-Ed:

Skills/Program:

Prereq.: BIO 101 & 102 or EVS 101

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Course Number & Title:	<b>BIO 249</b>	<b>Cell Biology Leadership Experience</b>	
Instructor:	Dr. Candy S. DeBerry		
Meeting Place, Days & Time(s):	D-P 102	MTWRF	9:00 AM – 4:00 PM

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Description:

Students will act as group leaders to assist teams of freshmen enrolled in BIO 149 Freshman Cell Biology Workshop with laboratory work, keeping a laboratory notebook, analyzing and summarizing results, and with scientific writing and construction of a scientific poster. Group leaders will also be responsible with their freshmen for the preparation of solutions and other materials for daily laboratories, for leading research meetings, and for reporting their freshmen students' progress to the instructor.

The course is designed for highly-motivated upperclass students who are considering careers in biomedical research and/or teaching.

Major: Does not count

Minor: Does not count

Grading System: Class participation, preparation, organization, interactions with freshmen, discussions with instructor.

Special Needs/Costs: None

Maximum Enrollment: 2 (none for freshmen)

Gen-Ed:

Skills/Program:

Prereq.: Instructor Permission Required

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Course Number & Title: **BIO 250 Natural History of East Africa**

Instructor: Dr. Vinnedge Lawrence

Meeting Place, Days & Time(s): Study Away Course - Africa

Description:

A classic East African camping safari set in the region's great game parks, this course is an intensive study of the interactions of the abundant wildlife of the African savanna. Participants live in tented camps in or near the parks and reserves included in the itinerary so as to acquire an intimate awareness of each environment visited. Daily excursions via safari cruisers provide opportunities for field observation of species whose behavioral ecology has been featured in pre-departure discussions, video screenings, and assigned readings.

Major: Counts

Minor: Does not count

Grading System: 1) Participation in discussions reflecting content of pre-departure meetings, background readings, and course texts 2) journal compiled by the student

Special Needs/Costs: Approximately \$5,000

Maximum Enrollment: 20

Gen-Ed:

Intersession 2010

Skills/Program:

Prereq.: BIO 102 or Permission of Instructor

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Course Number & Title: **BIO 254 Biomedical Case Studies**

Instructor: Dr. Alice Lee

Meeting Place, Days & Time(s): D-P 009 MTWRF 9:00 – 11:00 AM

Description:

Over the last decade, with the completion of the Human Genome Project, the growing fields of genomics, proteomics and bioinformatics, the increasing complexity of medicine, the advances in information technology, changes in diversity and demographics in the U.S. and globally, bioethics has moved to the forefront of nearly every medically- and health-related issue. To learn more about the ethical implications of today's world and the increasing health, medical, moral and ethical issues they will face in the future, students will work on case studies in areas of stem cell research, obesity/diabetes, cancer, physician-assisted suicide, and STDs/AIDS. Case studies will come from The National Center for Case Study Teaching in Science and the scientific literature. Coursework will include significant background reading (outside of class), videos and lectures on background material, case preparation (inside and outside of class), role playing, presentations, evaluations and quizzes on the subject matter and group presentations.

Major: Counts for BIO and BCH

Minor: Does not count

Grading System: Presentations (5), quizzes, participation. Attendance will factor into participation grade.

Special Needs/Costs: None

Maximum Enrollment: 16 (8 seats reserved for sophomores)

Gen-Ed:

Skills/Program: C

Prereq.: BIO 101 & 102

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Course Number & Title: **BIO 263 Dendrochronology**

Instructor: Dr. Jason S. Kilgore

Meeting Place, Days & Time(s): D-P 311 MTWRF 8:30 – 11:30 AM &  
1:30 – 4:30 PM

Description:

Trees growing in seasonal climates are one of the few organisms that record fluctuations in the environment and thus contain a 'hidden' record of climate change and forest disturbance, including insect infestations, human activities, and cataclysmic events. We need only to examine their record of growth, or tree rings, to unlock this enormous potential for environmental information. Local forests hold untold secrets in their long-term growth. Students will learn the scientific basis and techniques used in dendrochronology, the application of tree-rings to understand the environment. Coursework will include background readings from the published literature, lectures on tree physiology, statistical techniques, and application of tree-rings, and field and lab exercises to hone standard dendrochronological practices.

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Students will develop their own research project associated with a tree species at Abernathy Field Station. In addition, one (final) exam will assess their accrued knowledge of dendrochronology.

Major: Counts  
Minor: Does not count

Grading System: Attendance, participation in lecture, field, and lab activities, research project presentation (poster at college-wide symposium), and final exam. Students will also complete the CURE Survey (pre/post survey; HHMI).

Special Needs/Costs: None

Maximum Enrollment: 16  
Gen-Ed: NSM – for EVS Major & Minor only  
Skills/Program: Q  
Prereq.: BIO 101, BIO 102

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Course Number & Title: **BUS 316 Design of Experiments – A Conceptual Based Reduction to Practice Approach**

Instructor: Dr. Ralph Liberatore

Meeting Place, Days & Time(s): BUR 109 MTWR 9:00 AM – 12:00 PM

Description:  
Continuous Process Improvement (CPI) in Business is a vital component of competitive advantage. At the heart of CPI is the need for deep process understanding that emanates from separation of the key vital factors affecting a process from the trivial many. The complex systems comprising many business processes must be understood in this manner if decision making is to be effective. Design of Experiments (DOE) offers methodologies that are both effective and efficient in providing this deep and necessary understanding. This course is designed to provide the fundamental statistical principles upon which DOE is based as well as related topics vital to the effective application of DOE. While this course stresses the concepts behind the methods, it also presents them in a pragmatic manner with a view towards effective reduction to practice. A software demonstration for use of these techniques is provided along with a model Framework for planning and execution of a designed Experiment and actual examples from the instructors consulting practice.

Major: Counts  
Minor: Counts

Grading System: Class Discussion and participation in examples, possible quizzes and an Examination.

Special Needs/Costs: Statistical Calculator, Workbook, and Text.

Maximum Enrollment: 20  
Gen-Ed:  
Skills/Program:  
Prereq.: MTH 225, MTH 131, ECN 101 or with Instructor permission

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Course Number & Title:                   **BUS 395           Corporate Failures and Scandals**

Instructor:                                   Mr. Richard Kinder

Meeting Place, Days & Time(s):       BUR 109           MTWRF           1:00 – 3:00 PM

**Description:**

This course is a study of management and executive failures, frauds and scandals throughout history, with an emphasis on current activities in the business world. Through case analysis and research, students will develop a framework for analyzing failures and identifying their probable causes, and explore the resulting legal and regulatory issues. Classroom discussion and presentation are a significant component of the course.

NOTE: This course has already been approved as a “W” course.

Major: Counts

Minor: Counts

Grading System: A significant portion of the student’s grade will be based on case study analyses and participation in class discussions of the cases. Papers and presentations will be graded. In addition, short quizzes on key concepts and readings will be administered.

Special Needs/Costs: Current cost of texts is approximately \$10 - \$40. Copies are on reserve in the library.

Maximum Enrollment:                   20

Gen-Ed:

Skills/Program:                           W

Prereq.:                                   ACC 212, BUS 301, BUS 302, BUS 307  
Minimum Grade C, TR

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Course Number & Title:                   **BUS 408           Professional Selling**

Instructor:                                   Dr. James S. West

Meeting Place, Days & Time(s):       BUR 103           MTWR           1:00 – 3:30 PM

**Description:**

The “Birth” of A Salesman -- Learn the basic skills necessary to become an effective professional business-to-business salesperson. The course provides practical experience in developing and delivering sales presentations, and will focus on persuasive interpersonal communication skills, customized mass communication via the Internet, buyer behavior, and the selling process. It will also involve interactive role-playing to simulate the real-world professional selling experience.

Major: Counts

Minor: Counts

Grading System: Exam, Written Paper (resulting from research project), Graded Videotape persuasive communication presentations, Graded in-class exercises

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Special Needs/Costs: Classroom with semi-circular seating, PowerPoint and video recording capability.

Maximum Enrollment: 12 (juniors or seniors only)

Gen-Ed:

Skills/Program:

Prereq.: BUS 307

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Course Number & Title: **CHM 113/FRN 211 Chemistry & Culture of Perfume**

Instructor: Dr. Jennifer Logan  
Dr. Katrine Pflanze

Meeting Place, Days & Time(s): Study Away Course First 5 days On-Campus  
LAZ 301 –LAB RFSUM 8:00 AM – 6:00 PM

Description:

Ever wonder where perfume comes from? Or how **you** can capture the essence of a rose, trapping it in a bottle? Are you curious about why scents become associated with individual style? If so, Drs Logan and Pflanze invite you to experience the multifaceted aspects of perfume—both chemical and cultural—in a traveling lab course to France!

In the first part of this course, you'll spend five intensive laboratory days on campus studying the chemistry behind perfume, mastering a variety of classic laboratory techniques, including distillation, solvent extraction, synthesis, and characterization. You'll learn how to extract essential oils, blend fragrances, make soap, and synthesize scents.

Over the following two-weeks you will explore the cultural and historical roots of the French perfume industry. Using Paris as our base, we will consider the historical and cultural contexts which allowed the "city of light" to become almost universally synonymous with style and *haute-couture*. In addition to touring neighborhoods associated with fashion and prestige, such as the *Marais* district, the seventh and the sixteenth *arrondissements*, we will take a day trip to Versailles to visit the palace where Marie-Antoinette elaborated a concept of personal style through trend-setting and often outlandish designs in clothing, hair and perfume. Finally, we will travel to the epitome of the perfume industry, Grasse, Provence to witness past and current methods of perfume production at the International Museum of Perfumery.

The first part of the course will consist of 5 days of lab at W&J (**including Saturday & Sunday**) followed by 2 weeks in France.

Major: Does not count – CHM Counts - FRN

Minor: Does not count – CHM Counts - FRN

Grading System: Participation, Laboratory reports, Presentations and Daily Journal during travel component.

Special Needs/Costs: Laboratory Fee \$100, Travel Fee – Between \$4,000-4,500 and Valid Passport

Maximum Enrollment: 18

Gen-Ed:

Skills/Program:

Prereq.: None

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Course Number & Title:	<b>CHM 155L</b>	<b>Laboratory Excursions in Food Chemistry</b>
Instructor:	Dr. Deborah Sunderland	
Meeting Place, Days & Time(s):	LAZ 110/101	MTWR 1:00 – 5:00 PM

**Description:**

Food sustains life but is also a gastronomical delight. A kitchen is no different than most basic science labs and any serious cook is an experimentalist. Processes in the kitchen (food preparation, cooking, baking, etc.) can be described by physical and biological sciences. Food chemistry is a very broad discipline that draws upon principles of physical, organic, and biological chemistry. Topics may include: acids, bases, and buffers; ripeness and food preservation, chemical leavening agents; properties of sugars; natural and synthetic colors and flavors; fats and oils; properties of proteins; Calorie content; and food additives.

This course satisfies the laboratory requirement for graduation.

Major: Does Not Count

Minor: Does Not Count

Grading System: Laboratory exercises with post lab assignments, Final Exam.

Special Needs/Costs: Laboratory Fee

Maximum Enrollment: 15

Gen-Ed:

Skills/Program:

Prereq.:

Q

CHM 160 or High School Chemistry

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Course Number & Title:	<b>CHM 345</b>	<b>An Introduction to Medicinal Chemistry and Drug Development</b>
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Instructor: Dr. Mark Harris

Meeting Place, Days & Time(s): LAZ 205 MTWRF 9:30 AM – 12:30 PM  
Occasional afternoon field trips or lab activity.

**Description:**

Medicinal chemistry is the application of chemical principles and research techniques to the design, development, and understanding of pharmaceutical agents. Bringing a drug to market requires expertise in a variety of fields (biochemistry, physiology, toxicology, marketing, finance, law, etc.), but the ultimate product delivered is the drug itself - typically an organic molecule. Medicinal chemistry draws heavily on organic and physical chemistry as well as on biological and biochemical principles. This course will examine basic principles and practices of drug development and will provide an introduction to pharmacology. Students will gain detailed knowledge of the chemistry of a few selected drug molecules.

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Major: Counts – CHM and BCH

Minor: Counts – CHM and BCH

Grading System: Tests, oral presentations by students

Special Needs/Costs: None

Maximum Enrollment: 12

Gen-Ed:

Skills/Program:

Prereq.: CHM 270, BIO 101

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Course Number & Title: **CHM 347 Introduction to Chemical Research: Exploring Polymorphism by Solid-State NMR**

Instructor: Dr. Robbie Iuliucci

Meeting Place, Days & Time(s): LAZ 110 MTWRF 9:00 AM – 3:00 PM

Description:

Nuclear magnetic resonance (NMR) is one of the premier tools used by scientists to solve the structure of molecules. Recently, solid-state NMR has emerged as the leading means to characterize polymorphism in organic solids. Polymorphism is vital to the pharmaceutical industry as drugs can exist in different solid structures that result in different chemical properties. Here, we will distinguish polymorphic forms of pharmaceutical compounds by solid-state NMR. Students will be involved in the preparation of polymorphs, the acquisition of NMR data, or the calculation of NMR spectra using the Materials Studio software.

The goal of this course is to provide students with the basic skills of scientific research, which include self-learning, the acquisition of scientific data, dissemination of knowledge, and the formulation of scientific research problems. These skills will help prepare W&J students in securing potential internships, and summer research positions. At the same time, students will expand their chemical knowledge in an out-of-classroom learning environment.

Major: Counts

Minor:

Grading System: Laboratory Notebook (33%), Experimental data and journal articles (33%), Progress reports (33%)

Special Needs/Costs: Laboratory Fee

Maximum Enrollment: 6

Gen-Ed:

Skills/Program:

Prereq.: CHM 160, CHM 170, CHM 260, PHY 101 or 107, and MTH 151  
Or Permission of the Instructor

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Course Number & Title:                   **COM 249     The Sixties**

Instructor:                                   Dr. Stephen Mason

Meeting Place, Days & Time(s):        **BUR 103       MTWR       10:00 AM – 12:30 PM**

Description:  
“If you remember the sixties, you weren’t there,” or so goes this snappy saying attributed to just about anyone who wants to claim its ownership. What were the Sixties? What are the Sixties? Image and reality both, or somewhere in-between? In this course, we will have a look at the multiplicity of messages erupting during this volatile and interesting decade—its scenes, settings, and styles of communication, both personal and public—and wrestle with its legacy.

Major: Does not count  
Minor: Counts

Grading System: Collaborative and independent projects, reflection papers, periodic examination.

Special Needs/Costs: None

Maximum Enrollment:                   30

Gen-Ed:  
Skills/Program:  
Prereq.:                                   None

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Course Number & Title:                   **COM 289     “Your 15 Minutes - Finding Your Checkpoint Skills in Life”**

Instructor:                                   Mr. Tom Squitieri

Meeting Place, Days & Time(s):        **BUR 015       W – 1-4:30 PM; RF – 9:00 AM – 12:30 PM & T (1-26-10) 1 – 4:30 PM**

Description:  
This course explores how to use the skills of a war zone reporter to excel in life, as well as succeed in any part of the world while keeping your back safe. But, more importantly, it is designed to enhance a student’s ability to communicate clearly and uniquely, both in words and silence; to collect complete information and data; to be alert and clever, wise and confident. A primary goal of this course is to enable students to put themselves in another person’s shoes. It shines the spotlight on them, to challenge their knowledge of self. Finally, it teaches them to ask tough questions, and explains why one should never just accept authority when it feels wrong. It teaches students how to get those feelings?

Major: Does not count  
Minor: Counts

Grading System: Grades are determined by classroom participation, counting for 35 % of the grade, a final written exam worth 30 %, two of the writing assignments -15 % each, and a graded discussion on the film “Casablanca” - 5 %.

Special Needs/Costs: None

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Maximum Enrollment: 16

Gen-Ed:

Skills/Program:

Prereq.: None

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Course Number & Title: **COM 330 Film in Context: Hitchcock**

Instructor: Mr. William Cameron

Meeting Place, Days & Time(s): OLN 115 MTWRF 10:00 AM – 12:30 PM

Description:

An examination of motion pictures as cultural artifacts, shapers of society, and modes of discourse. Film in Context examines a group of films organized around a subject area, in this case, the films of Alfred Hitchcock. In this class, we will examine 8 of Hitchcock's best films as a means of exploring Hitchcock's cinematic method and his major thematic concerns. Students will read selected essays about Hitchcock and his work, participate in class discussions and exercises, and keep a journal of written responses to all of the films. The course challenges students to draw meaningful parallels between motion pictures and the society from which they emerge.

Major: Does not count

Minor: Counts

Concentration: Film Concentration

Grading System: Quizzes, exams, papers, presentations

Special Needs/Costs: None

Maximum Enrollment: 20

Gen-Ed:

Skills/Program:

Prereq.: COM 130

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Course Number & Title: **ECN 210/310 The Economy of China**

Instructor: Dr. Yongsheng Wang

Meeting Place, Days & Time(s): Study Away Course – (Late May/Early June)

Description:

This course is designed to study and experience one of the fastest growing economies in the world, the economy of China, in late May/early June for three weeks. Students will travel to China and study the economic and social dynamics that is being impacted by the global financial crisis. As one of the most important trade partners of America, China is the first step for anyone who would like to know the trend of American and international economy. Participants will have opportunities to engage local businesses, professionals, professors, and students. The theme of this course in 2010 is "chase a financial hurricane."

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ECN 210 Major: Does not count      ECN 310 Major: Counts  
ECN 210 Minor: Does not count      ECN 310 Minor: Counts

Grading System:

For ECN210, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, and information collected during the visit, the group documentary, and the report written after the visit.

For ECN310, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, information collected during the visit, the group documentary, and the data-analysis research paper written after the visit.

Special Needs/Costs: \$3,500--\$3800 for roundtrip air tickets to China, travel within China, visa, lodging, and part of the food expense.

Maximum Enrollment:                      10

Gen-Ed:    SSC  
Skills/Program:                                      D  
Prereq.:    For ECN 210 – ECN 101 and ECN 102 or Permission of the Instructor

For ECN 310 - ECN 101, ECN 102 and MTH 225 or  
Permission of the Instructor

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Course Number & Title:                      **ECN 220/320 The Economies of the Czech Republic and Poland: A Comparative Analysis**

Instructor:    Dr. John J. Gregor

Meeting Place, Days & Time(s):              Study Away Course

Description:

This course is designed to facilitate the study two very different central European economies (the Czech Republic and Poland). Students will also experience the similarities and differences of the history, culture, and politics of these diverse nations. We will travel to Prague and study the culture, history, politics, economics and social dynamics through a series of lectures and excursions. We will travel from Prague to Krakow by train and follow a similar but accelerated schedule there. A day trip to Auschwitz is also planned before returning to Prague for a wrap-up and some free time.

ECN 220 Major: Does not count      ECN 320 Major: Counts  
ECN 220 Minor: Does not count      ECN 320 Minor: Counts

Grading System: For ECN220, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, and information collected during the visit, the group documentary, and the report written after the visit.

For ECN320, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, information collected during the visit, the group documentary, and the data-analysis research paper written after the visit.

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Special Needs/Costs: \$3,200--\$3,500 for roundtrip air tickets to Prague, travel within Europe, lodging, and part of the food expense are included in this estimate.

Maximum Enrollment: 15  
Gen-Ed: SSC  
Skills/Program: D  
Prereq.: For ECN 220 – None

For ENC 320 - ECN 101, ECN 102 and MTH 225 or  
Permission of the Instructor

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Course Number & Title: **ECN 319 Economic Analysis of Law**

Instructor: Dr. Sam P. Gidas

Meeting Place, Days & Time(s): BUR 309 MTWR 9:30 AM – 12:00 PM

Description:

This course will introduce the student to the economic analysis of various fields of law, including the primary areas of common law (property law, tort law, contract law and criminal law). Although the course will necessarily entail a survey of the legal principles involved, the emphasis of the course will be on the economic analysis of those principles. Prior knowledge of law will be helpful but not necessary.

Major: Counts

Minor: Counts

Grading System: Class Participation, Homework Assignment, Presentation, Exam

Special Needs/Costs: None

Maximum Enrollment: 18

Gen-Ed:

Skills/Program:

Prereq.: ECN 101  
Minimum Grade C, TR

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Course Number & Title: **ECN 320/220 The Economies of the Czech Republic and Poland: A Comparative Analysis**

Instructor: Dr. John J. Gregor

Meeting Place, Days & Time(s): Study Away Course

Description:

This course is designed to facilitate the study two very different central European economies (the Czech Republic and Poland). Students will also experience the similarities and differences of the history, culture, and politics of these diverse nations. We will travel to Prague and study the culture, history, politics,

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economics and social dynamics through a series of lectures and excursions. We will travel from Prague to Krakow by train and follow a similar but accelerated schedule there. A day trip to Auschwitz is also planned before returning to Prague for a wrap-up and some free time.

ECN 320 Major: Counts  
ECN 320 Minor: Counts

ECN 220 Major: Does not count  
ECN 220 Minor: Does not count

Grading System: For ECN220, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, and information collected during the visit, the group documentary, and the report written after the visit.

For ECN320, grades will be based upon the summary prepared before departure, daily journals, participation of group activities, information collected during the visit, the group documentary, and the data-analysis research paper written after the visit.

Special Needs/Costs: \$3,200--\$3,500 for roundtrip air tickets to Prague, travel within Europe, lodging, and part of the food expense are included in this estimate.

Maximum Enrollment: 15  
Gen-Ed: SSC  
Skills/Program: D  
Prereq.: For ECN 220 – None

For ENC 320 - ECN 101, ECN 102 and MTH 225 or  
Permission of the Instructor

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Course Number & Title: **ECN 397-01 The Resource Curse**

Instructor: Dr. Leslie Dunn

Meeting Place, Days & Time(s): BUR 307 MTWR 10:00 AM – 12:30 PM

Description:

One would think that an economy gifted with an abundance of natural resources would have a distinct advantage in developing their economy. In recent decades though, the exact opposite has been true. This course will answer the question: Why have resource-rich economies tended to under perform compared with resource poor economies? We will study the various answers to this question ranging from the connection between natural resource dependence and educational development to the connection with corruption and civil war.

Major: Counts  
Minor: Counts

Grading System: There will be exams, problem sets, short writing assignments and a final paper

Special Needs/Costs: None

Maximum Enrollment: 15  
Gen-Ed:  
Skills/Program:  
Prereq.: ECN 102

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Course Number & Title:                   **ECN 397-02    Political Economy**

Instructor:                                   Dr. Robert Dunn

Meeting Place, Days & Time(s):       BUR 311       MTWR       10:00 AM – 12:30 PM

Description:  
This course will focus on the way in which individual preferences are translated into public sector policies through the political process. This involves applying economic principles to the study of political decision making and assuming that individuals use government to maximize their self-interest at the expense of maximizing the welfare of society. We will investigate the role and function of government in economic markets. This includes examining constitutions as a social contract, theories of voting, the functioning of Congress, and the size of government. In a larger sense, the course will develop a framework for evaluating public sector policies and decision-making.

Major: Counts  
Minor: Counts

Grading System: Papers, exams, participation in class discussion

Special Needs/Costs: None

Maximum Enrollment:                   15

Gen-Ed:  
Skills/Program:  
Prereq.:                                   ECN 101

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Course Number & Title:                   **EDU 221        School Law**

Instructor:                                   Mr. Reed Day

Meeting Place, Days & Time(s):       BUR 023       MTWRF       9:30 – 11:30 AM

Description:  
This course will investigate and explore the legal framework and foundations of the American school system and their impact on schools, students, teachers, and parents in the twenty-first century. Topics studies may include the role of religion in public education, due process, the legal mandates of students with disabilities, No Child Left Behind etc. Students will explore and evaluate actual school law situations through case studies and other research.

Major: Does not count  
Minor: Does not count

Grading System: Classroom presentations, traditional and non-traditional assessments, county law library research/research papers, discussion and debate.

Special Needs/Costs: None

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Maximum Enrollment: 15

Gen-Ed: D

Skills/Program: W

Prereq.:

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Course Number & Title: **EDU 350-01 Teaching the Diverse Learner**

Instructor: Dr. James Longo

Meeting Place, Days & Time(s): Study Away Course  
MTWTRF in schools 8-4 or on site Monte Verde Cloud  
Forest School, Costa Rica  
Seminar TBA weekly at the Cloud Forest School

Description:

EDU 350 Teaching the Diverse Learner. This course focuses on in-service participation as a full-time teacher's aide in an early childhood, elementary, secondary ESL (English as a Second Language / ELL English Language Learner) and special education classroom setting during the January Intersession. A seminar / research component focuses on successfully understanding, analyzing, evaluating, and teaching the ESL / ELL learner. A three-week full-time internship at a school is required in the USA or as Study Abroad. Prerequisites: EDU 201, 207, 301 or permission of the instructor & Clearances: FBI, Act 34, Childcare, and a negative TB reading.

Major: Counts

Minor: Counts

Grading System:

**Rubric:** (1) 25% of grade earned through attendance, participation, and contributions to the success of seminar meetings. **Assessment is attendance and participation.**  
(2) 25% of grade earned through daily attendance, professional involvement at host school and grade given by host teacher. **Assessment is the host teacher evaluation and time sheet.**  
(3) 25% of grade earned by oral presentations. **Assessment is a Power Point Presentation.**  
(4) 25% of grade earned by your research papers and experiential writings/journals comparing schools and presenting your educated view of what makes a good (*effective-successful*) school for students, teachers, administration, parents and the community. Once again utilize Bloom to support and explain your conclusions. **Assessment is a research paper and journal.**

Special Needs/Costs: Students will need current clearances for FBI, ACT 34, Childcare and Tuberculosis testing with a negative reading result. The cost is approximately \$1,200 including airfare, food, travel, and other expenses. The cost may go up or down depending on airfares. Students travel to Costa Rica with the course instructor. Students stay with host families during intersession while interning at the Cloud Forest School. They eat and live with host families.

Maximum Enrollment: 10

Gen-Ed:

Skills/Program:

Prereq.: EDU 201, EDU 207, EDU 301 or Permission of the Instructor



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ideas, and improve intellectual and academic skills. The heart of the game is persuasion. For nearly every role to which students are assigned, they must persuade others that “their” views make more sense than those of their opponents. This course presumes that individuals play a significant role in history; it asserts that broader economic and social forces place constraints on what individuals may do, but that those forces do not **determine** human events. People do.

*Defining a Nation* is set at Simla, in the foothills of the Himalayas, where the British viceroy has invited leaders of various religious and political constituencies to work out the future of Britain’s largest colony. Will the British transfer power to the Indian National Congress, which claims to speak for all Indians? Or will a separate Muslim state—Pakistan—be carved out of India to be ruled by Muslims, as the Muslim League proposes? And what will happen to the vulnerable minorities? (Course description adapted from materials published by Barnard College.)

Major: Does not count

Minor: Does not count

Grading System:

- 1) Quizzes on background readings.
- 2) Two major papers.
- 3) Two major speeches.
- 4) Daily participation – reacting to other characters, strategizing, expressing their assigned character accurately.

Special Needs/Costs: None

Maximum Enrollment: 20 (Minimum 15 – No Seniors; Soph. who were in Allison, Mulvania, Sloat or Swift Forum are ineligible; juniors who were in Allison, Ehrenfeld, Robbins, Sloat or Verdun Forum are ineligible)

Gen-Ed:

Skills/Program:

D

Prereq.:

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Course Number & Title: **ELE 200      Health Professions – A Perspective**

Instructor: Dr. Timothy Klitz

Meeting Place, Days & Time(s): Will vary widely on a day-to-day basis.      MTWRF  
D-P 304 on days when meeting on campus

Description:

This is a course designed to provide W&J pre-health students with background information and experiences to help prepare them to appreciate the breadth and depth of their chosen career. Students will be encouraged to draw upon their training in non-science courses for purposes of integrating concepts from other disciplines with the practice of healthcare. Visits to hospitals, clinics, and other healthcare facilities will help to illustrate the practical applications of undergraduate coursework and preparation.

W&J alumni will discuss health professions school requirements, residency concerns, and competition as it exists within and between the various specialties. Some time will be devoted to discussing social, economic, ethical, political, religious, and/or personal health professional-to-patient relationship changes that have evolved. Future perspectives on the healthcare field may also be included.

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Historically this course has focused primarily on medical careers (allopathic and osteopathic medicine). Starting this year, students will be exposed to a broader array of the health professions, although since this is the first year of the revised course, much of the focus will remain on medically-oriented careers.

Major: Does not count

Minor: Does not count

Grading System: The means of evaluation will include class attendance and discussions, a daily log of student activities and interactions with health professionals, and a written paper based on the experiences offered by the course and how the course has changed the student’s perspective of the health professions.

*Note: This course will be graded S/U only.*

Special Needs/Costs:

**Students are required to provide their own transportation to off-campus events**, often up to an hour away from the W&J campus, **and have a completely flexible schedule during Intersession** to accommodate the schedules of the W&J alumni providing the opportunities for the course. Some classes or off-site visits may start as early as 7am, while others may be scheduled in the evenings. The course meetings schedule is subject to change, even after publication at the start of Intersession. Attendance at all events is mandatory for successful completion of the course, and unexcused absences from meetings or off-site visits will not be permitted.

Maximum Enrollment: 10 (All seats for “true” juniors, no advanced status sophomores)

Gen-Ed:

Skills/Program:

Prereq.: Junior Status All seats for “true” juniors, no advanced status sophomores.

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Course Number & Title: **ELE 211 Arab and Islamic Culture and Civilization**

Instructor: Dr. Nabeel M. Yaseen

Meeting Place, Days & Time(s): MAI E MWR 10:00 AM – 1:30 PM

Description:

This course focuses on Islamic history and civilization, including the Arab culture, since its beginning in 7th century until present. This course will emphasize on the following issues: (1) Introduction to the geography of the Middle East, Arab tribes and the life of Arab in general before Islam. (2) Understanding the emergence of the early Muslim movement under the Prophet Muhammad and examination of religious, social and cultural aspects of Islamic civilization. (3) The theological and philosophical aspects of Islamic religion (4) The social, cultural and political processes that Muslim societies have undergone during the last fourteen centuries. (5) Among the topics addressed are: Islamic doctrines and law, theology, philosophy, Islamic mysticism (Sufism). (6) In addition, the course examines Islam today: Islamic movements, Islam’s encounter with the West, Muslims’ responses to the process of modernization, and finally Islam after September 11th. (7) The course is oriented both to those who have little or no prior knowledge of Islam and those who already have a background in Islam.

Major: Does not count

Minor: Does not count

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Grading System: Tests and quizzes, Oral Presentations, Journal entries, Writing short and Long papers

Special Needs/Costs: None

Maximum Enrollment: 20

Gen-Ed: HUM

Skills/Program: D

Prereq.: None

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Course Number & Title: **ELE 219 "Tell Me More Lies, Grandfather"**

Instructor: Dr. John Mark Scott, Jr.

Meeting Place, Days & Time(s): Study Away Course

Description:

"Tell Me More Lies, Grandfather" is a travel-study course to the Zuni Pueblo, one of the oldest agricultural communities in North America.

The Zuni Pueblo is the heartland – in both fact and legend – of the native Zuni culture and civilization.

During a two-week sojourn at the Pueblo, students will participate in the daily life of the pueblo by visiting sites of historical and cultural importance, by participating in a variety of public service projects and by visiting areas in and around the reservation associated with the significant moments of the ancient migrations as recounted in the creation story.

Major: Does not count

Minor: Does not count

Grading System: Evaluations will be predicated upon responses in discussions, quality of journal entries, degree of participation and contributions to the discussions of the readings.

Special Needs/Costs: \$550-\$600 inclusive, N.B.: fuel costs are the ultimate determinate of final cost. This budget accommodation references fuel at \$3.00 per gallon and is intended to include all travel, room and board costs.

Maximum Enrollment: 14 (2 seats reserved for International Students)

Gen-Ed: HUM

Skills/Program: D

Prereq.:

Course Number & Title:                   **ENG 161        Doctors as Writers**

Instructor:                                   Dr. Carolyn Kyler

Meeting Place, Days & Time(s):       MAI 207        MTWRF        9:30 AM – 11:30 PM

Description:  
 We will examine the work of physicians who have made a mark in the world of literature. In some cases, the subject matter will be closely connected to the author’s day job, and we will learn about the history and practice of medicine from the doctors themselves. But doctors have written on other subjects and in a variety of genres—from detective stories to love poems—and we will sample from that work, considering the world through the lens of the medical mind. From the late nineteenth century, we will read some of the Sherlock Holmes stories by Sir Arthur Conan Doyle and selected stories by Anton Chekhov. From the first part of the twentieth century, we will read fiction by Rudolph Fisher—a prominent Harlem Renaissance writer who specialized in radiology—and stories by William Carlos Williams, modern American poet and pediatrician. In the nonfiction of Danielle Ofri, Lewis Thomas, Abraham Verghese, and Atul Gawande, we will see the contemporary world and practice of medicine through the eyes of an internal medicine resident, a cancer researcher, an AIDS specialist, and a surgeon. Throughout the course, we will concentrate on how doctors think--the title of another book by a doctor, Jerome Groopman--and the human issues they confront.

Major: Does not count  
 Minor: Does not count

Grading System: Grades will be based on participation in discussion, a paper, reading responses, and quizzes.

Special Needs/Costs: None

Maximum Enrollment:                   16

Gen-Ed:                                       HUM

Skills/Program:  
 Prereq.:                                       None

Course Number & Title:                   **ENG 206        Renaissance Villians: Marlowe’s *The Jew of Malta* and Shakespeare’s *The Merchant of Venice* in Text and Performance**

Instructor:                                   Dr. Annette Drew-Bear

Meeting Place, Days & Time(s):       D-P 106        MTWRF        10:30 AM – 12:30 PM

Description:  
 This course invites you to engage with Marlowe’s *Jew of Malta*, which has been termed “the first successful black comedy or tragic-comedy,” and *The Merchant of Venice*, Shakespeare’s open ended portrayal of the roles of villain and victim. We will look at these plays both as texts to be interpreted and as plays to be performed. Students will watch a videotape by Royal Shakespeare Company actors, “Using the Verse,” to learn how blank verse functions, and they will watch a RSC videotape on “Character” to see how two actors, Patrick Stewart and David Suchet, support their different performance choices for Shylock

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with textual evidence. We will watch and evaluate two videotaped performances of Shakespeare's play, and students will engage in performing key scenes from the plays to test for themselves how performance affects interpretation.

Major: Counts

Minor: Counts

Grading System: Daily assignments, group work, performance projects, papers.

Special Needs/Costs: None

Maximum Enrollment: 16 (5 seats reserved for freshmen)

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title: **ENG 207 Black Women's Drama**

Instructor: Dr. Sinikka Grant

Meeting Place, Days & Time(s): MAI 409 MTWRF 10:00 AM – 12:00 PM

Description:

*"I was asked to talk about the violent imagery in my work; bloodied heads, severed limbs, dead father, dead Nazis, dying Jesus."* (Adrienne Kennedy, *Ohio State Murders*)

This course will examine African American women's drama, focusing on the intersections of race, gender, sexuality, and violence in selected plays by Lorraine Hansberry, Ntozake Shange, Adrienne Kennedy, Anna-Deveare Smith, Suzan-Lori Parks, Dael Orlandersmith, and Lynn Nottage. Given the complexity of the issues at hand, this course aims not so much to give answers to a set of questions, but to identify the questions that race, gender, sexuality, and violence raise in each individual play, and to examine them with the help of feminist scholarship. We will specifically employ the work of such black feminist scholars as bell hooks, Hortense Spillers, Hazel Carby, and Ann duCille, among others.

Major: Counts

Minor: Counts

Grading System: essays, written work, participation, staged reading, leading class discussion

Special Needs/Costs: None

Maximum Enrollment: 16

Gen-Ed: HUM

Skills/Program: D GWS

Prereq.: ENG 111 or ENG 112

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Course Number & Title:                   **ENG 208        The Poetics and History of Hip Hop**

Instructor:                                   Dr. Andrew Mulvania

Meeting Place, Days & Time(s):       BUR 016       MTWRF       1:00 – 3:00 PM

Description:

This course will provide students with an overview of the history of hip hop alongside a metrical and poetic analysis of selected hip hop lyrics for what they reveal about this important aspect of American culture. We will explore the significance of major figures, from the hip hop pioneers of the late 70's and early 80's such as Grand Master Flash and the Sugarhill Gang; through Run DMC, Ice T, the Beastie Boys, and others; the development and rise of gangsta rap with N.W.A.; and on through to major figures of the late nineties and the turn of the millenium, including Tupac Shakur, Notorious B.I.G., Eminem, and Jay-Z. Finally, we will examine the relationship between place and sound, looking at the distinctive hip hop "sounds" associated with various American cities, including Miami, L.A., New York, Atlanta, Houston, Detroit, and elsewhere. For the final, students will write and perform their own original hip hop lyrics.

Major: Counts

Minor: Counts

Grading System: reading quizzes, presentations, final performance that will involve the students performing their own hip hop lyrics.

Special Needs/Costs: None

Maximum Enrollment:                   16 (5 reserved for freshmen)

Gen-Ed:                                       HUM

Skills/Program:                           D

Prereq.:

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Course Number & Title:                   **ENG 209        Editing Workshop: *Topic***

Instructor:                                   Dr. Linda Troost

Meeting Place, Days & Time(s):       TEK 221       MTWRF       1:00 – 3:00 PM

Description:

This course teaches the principles of copyediting and manuscript preparation by having students work as interns on the College's journal *Topic*. Students will refine their knowledge of grammar and mechanics, learn how to use proofreading marks, follow style sheets, check references, and master Chicago-style documentation. Declared Professional Writing Program students may reserve a seat in advance of registration by contacting the instructor.

Major: Counts

Minor: Counts

Concentration: Professional Writing

Grading System: Students will be evaluated through tests and editing projects. And, as is critical in the world of publishing, they will be held to firm deadlines.

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Special Needs/Costs: None

Maximum Enrollment: 12 (declared PW students may reserve a seat in advance of registration by contacting the instructor)

Gen-Ed:

Skills/Program:

Prereq.: ENG 111 or ENG 112; Strong Verbal Skills (Contact instructor if in doubt) Recommended: ENG 200, 201 or 203

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Course Number & Title: **ENG 222 Literature of Wilderness**

Instructor: Dr. Dana Shiller

Meeting Place, Days & Time(s): BUR 015 MTWRF 1:00 – 3:00 PM

Description:

“I went to the woods because I wished to live deliberately, to front only the essential facts of life, and see if I could not learn what it had to teach, and not, when I came to die, discover that I had not lived.” Henry David Thoreau’s comment in *Walden* (1854) represents an important moment in the history of the literature of wilderness, a branch of nature writing that explores the connection between humans and land less travelled. This course will trace the evolution of the literature of wilderness from its roots in the Bible and early American slave narratives (where it was figured as malevolent and frightening) through the 19<sup>th</sup> and 20<sup>th</sup> centuries, during which wilderness writing became instrumental in the conservation movement. We will look at what the wilderness has meant to a wide variety of American writers, from the Puritans to Beat Generation poets to Native Americans; we will also be watching some landmark films. Because some exposure to the outdoors can only improve your understanding of the texts, we will go one hike together (yes! In January!) and I will be encouraging you to get out on your own, too. Assignments will include two short analytical papers on the readings and an oral presentation on a related environmental issue, as well as participation in class discussion. This course will also count for Humanities credit.

ENG Major: Counts

EVS Major: Counts

ENG Minor: Counts

EVS Minor: Counts

Grading System: Class participation, Two short papers on the readings, Oral presentation on a related environmental issue, Weekly films to add a visual dimension to our understanding of wilderness

Special Needs/Costs: None

Maximum Enrollment: 16 (5 reserved for freshmen)

Gen-Ed:

HUM

Skills/Program:

Prereq.:

None

Course Number & Title: **ENG 242-342 London Theater**

Instructor: Mr. Richard Easton

Meeting Place, Days & Time(s): Study Away Course

Description:

During an 18-day trip to London, the world's foremost theater center, students study and attend at least eleven stage productions. These productions include dramas, comedies, and musicals by the best theatrical groups in the world. The performances are frequently the prize-winning works of the current and subsequent seasons in London and New York. They are performed in London's most famous theaters, from the most historic to the most modern, including ornate West End theaters to the elaborate National Theater complex. The performances which students attend are the subjects for reading, lectures, and discussions. Class lectures offer coverage of England's rich theatrical heritage and provide insight into Britain's history and culture.

In addition to its survey of drama, the trip provides students with extensive tours of historic sites, royal palaces, art galleries, government buildings, and churches. Also, the course offers tours into the English countryside. The 2009 Intersession class visited Greenwich, Windsor, and St. Albans. The cost of the trip provides round-trip air transportation on an international carrier (Pittsburgh/London/Pittsburgh), transfers to and from the hotel with luggage handling, hotel in London, breakfast every day, at least eleven theater tickets and twelve dinners, many tours of sites in London and the surrounding countryside. Leisure time allows students to elect additional theater and musical performances, lectures, sporting events. The traditional schedule of events and classes allows for two free days for optional individual visits within the British Isles or, perhaps, to Paris.

**English 342 offers juniors and seniors the opportunity to earn 300 level credit by performing additional primary text reading, secondary text research, oral reports, and a research essay in addition to the requirements for 242. This 342 option is specifically designed for double majors, transfer students, or any upperclass students who want to travel internationally but cannot fulfill requirements for graduation without the intersession English 300 level credit.**

Major: Counts

Minor: Counts

Grading System: Discussions, Exams, Journal or Diary, and paper

**English 342 -- same as English 242 with the addition of an oral presentation that focuses on literary critical issues about a drama as well as an interpretive essay based on 10 critical sources.**

Special Needs/Costs: Approximately \$3300. Contact the professor for details.

**English 342 -- must communicate by email with professor over Winter Holiday and scan and attach some research materials for professor's review.**

Maximum Enrollment: 26 (23 seats for 242/3 seats available for 342)

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title: **ENG 281/MBB 281/PHL 281 Approaches to Language**

Instructor: Dr. Jennifer Harding  
Dr. Hanna Kim

Meeting Place, Days & Time(s): BUR 203 MTWR 9:30 AM – 12:00 PM

Description:

Why are humans so good at speaking figuratively? Why won't your computer be writing you poetry any time soon? How do you know that dropping a class does not result in a crash on the floor and hitting the books does not result in bruised knuckles? In this class, we will consider the topic of figurative language from the perspectives of two different disciplines: cognitive poetics and philosophy. Students will learn to identify and analyze figurative language through two interconnected units, one taught by a professor from the English department and one from the Philosophy department.

ENG Major: Counts	PHL Major: Counts	MBB Major: N/A
ENG Minor: Counts	PHL Minor: Counts	MBB Minor: Counts as Elective

Grading System: Students will be expected to read daily and will be assessed on their understanding of the material through class discussion. There will be regular small assignments and in-class activities, such as reading responses or quizzes, short response papers, or small grammatical or linguistic analysis tasks. There will be some combination of exams and papers including assessment of the students' integration of the content across the two units.

Special Needs/Costs: None

Maximum Enrollment: 24

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title: **ENG 342-242 London Theater**

Instructor: Mr. Richard Easton

Meeting Place, Days & Time(s): Study Away Course

Description:

During an 18-day trip to London, the world's foremost theater center, students study and attend at least eleven stage productions. These productions include dramas, comedies, and musicals by the best theatrical groups in the world. The performances are frequently the prize-winning works of the current and subsequent seasons in London and New York. They are performed in London's most famous theaters, from the most historic to the most modern, including ornate West End theaters to the elaborate National Theater complex. The performances which students attend are the subjects for reading, lectures, and discussions. Class lectures offer coverage of England's rich theatrical heritage and provide insight into Britain's history and culture.

In addition to its survey of drama, the trip provides students with extensive tours of historic sites, royal palaces, art galleries, government buildings, and churches. Also, the course offers tours into the English

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countryside. The 2009 Intersession class visited Greenwich, Windsor, and St. Albans. The cost of the trip provides round-trip air transportation on an international carrier (Pittsburgh/London/Pittsburgh), transfers to and from the hotel with luggage handling, hotel in London, breakfast every day, at least eleven theater tickets and twelve dinners, many tours of sites in London and the surrounding countryside. Leisure time allows students to elect additional theater and musical performances, lectures, sporting events. The traditional schedule of events and classes allows for two free days for optional individual visits within the British Isles or, perhaps, to Paris.

**English 342 offers juniors and seniors the opportunity to earn 300 level credit by performing additional primary text reading, secondary text research, oral reports, and a research essay in addition to the requirements for 242. This 342 option is specifically designed for double majors, transfer students, or any upperclass students who want to travel internationally but cannot fulfill requirements for graduation without the intersession English 300 level credit.**

Major: Counts

Minor: Counts

Grading System: Discussions, Exams, Journal or Diary, and paper

**English 342 -- same as English 242 with the addition of an oral presentation that focuses on literary critical issues about a drama as well as an interpretive essay based on 10 critical sources.**

Special Needs/Costs: Approximately \$3300. Contact the professor for details.

**English 342 -- must communicate by email with professor over Winter Holiday and scan and attach some research materials for professor's review.**

Maximum Enrollment: 26 (23 seats for 242/3 seats available for 342)

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title:	<b>ENG 392</b>	<b>The Female Detective</b>	
Instructor:	Dr. Lauryn S. Mayer		
Meeting Place, Days & Time(s):	BUR 107	MTWRF	9:00 AM – 12:00 PM

Description:

Whether she kicks down doors in pursuit of suspects, or hides a razor-sharp mind under a guileless façade, the female detective has been a dominant figure in popular literature for the past three decades. This course will trace her origins and development in the context of key literary movements and periods of cultural conflict. We'll begin in the eerie landscapes surrounding Gothic heroines, follow gun-toting women through the mean streets and dark alleys of the early twentieth century, and end in the tangled networks of cyberspace. Students can expect to produce evidence of their knowledge in the form of papers, a final project, and presentations.

Major: Counts

Minor: Counts

Grading System: essays, written work, participation, Contribution to Blackboard, quizzes (as necessary), presentations, creation of final project.



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emphasis on natural resource utilization and conservation. Through focused readings, guided discussions, and films students critically review social, economic, political and environmental policies and practices in Latin America, Africa, and Asia.

Major: Counts

Minor: Counts

Grading System: Students will be evaluated by weekly quizzes, participation in discussions/debates, in-class writing responses, and a final exam.

Special Needs/Costs: None

Maximum Enrollment: 15  
Gen-Ed:  
Skills/Program: D GWS  
Prereq.:

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Course Number & Title: **FRN 211/CHM 113 Chemistry & Culture of Perfume**

Instructor: Dr. Katrine Pflanze  
Dr. Jennifer Logan

Meeting Place, Days & Time(s): Study Away Course First 5 days On-Campus  
LAZ 301 – LAB RFSUM 8:00 AM – 6:00 PM

Description:

Ever wonder where perfume comes from? Or how **you** can capture the essence of a rose, trapping it in a bottle? Are you curious about why scents become associated with individual style? If so, Drs Logan and Pflanze invite you to experience the multifaceted aspects of perfume—both chemical and cultural—in a traveling lab course to France!

In the first part of this course, you'll spend five intensive laboratory days on campus studying the chemistry behind perfume, mastering a variety of classic laboratory techniques, including distillation, solvent extraction, synthesis, and characterization. You'll learn how to extract essential oils, blend fragrances, make soap, and synthesize scents.

Over the following two-weeks you will explore the cultural and historical roots of the French perfume industry. Using Paris as our base, we will consider the historical and cultural contexts which allowed the "city of light" to become almost universally synonymous with style and *haute-couture*. In addition to touring neighborhoods associated with fashion and prestige, such as the *Marais* district, the seventh and the sixteenth *arrondissements*, we will take a day trip to Versailles to visit the palace where Marie-Antoinette elaborated a concept of personal style through trend-setting and often outlandish designs in clothing, hair and perfume. Finally, we will travel to the epitome of the perfume industry, Grasse, Provence to witness past and current methods of perfume production at the International Museum of Perfumery.

The first part of the course will consist of 5 days of lab at W&J (**including Saturday & Sunday**) followed by 2 weeks in France.

Major: Does not count – CHM                      Counts - FRN  
Minor: Does not count – CHM                      Counts - FRN

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Grading System: Participation, Laboratory reports, Presentations and Daily Journal during travel component.

Special Needs/Costs: Laboratory Fee \$100, Travel Fee – Between \$4,000-4,500 and Valid Passport

Maximum Enrollment: 18  
Gen-Ed: LAB  
Skills/Program:  
Prereq.: None

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Course Number & Title: **FRN 371 Business Communication and Culture**

Instructor: Dr. Sharon Taylor

Meeting Place, Days & Time(s): BUR 309 MTWR 9:30 AM – 12:00 PM

Description:

An intensive, advanced level French course designed to develop the linguistic skills and cultural competency necessary for working in a business environment in the French-speaking world. This course provides an overview of the socio-historical contexts and contemporary business practices in metropolitan France. In addition, the course will prepare students for more in-depth study abroad. This course counts toward the International Business major only.

IB Major Only: Counts  
Minor:

Grading System: Students will be evaluated on their daily class preparation and participation as well as on their performance on writing assignments, a class presentation, quizzes, and exams.

(Tentative grade breakdown): Préparation & participation 25%, Exposé (1) 5%, Quizzes 10%, C Compositions 35%, Mid-term exam 10%, Final exam 15%

Special Needs/Costs: None

Maximum Enrollment: 10  
Gen-Ed:  
Skills/Program:  
Prereq.: FRN 309 or Permission of the Instructor

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Course Number & Title: **GER 284/384 The Central Powers in World War I: Berlin, Vienna, Istanbul**

Instructor: Dr. Joseph Moser

Meeting Place, Days & Time(s): Study Away Course

Description:

This course examines World War I from the perspective of the Central Powers, the German, Austro-Hungarian, and Ottoman Empires. Students will visit sites and museums important to the history of the Great War in the former capitals of these Empires. This course will also provide insight on the

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transformative effect of WW I on the successor states of the Central Powers. No German required for German 283. German 207 required for German 383.

Major: Counts

Minor: Counts

Grading System: Daily field work from 9-12. Students will give on-site oral presentations on the arts and culture of Berlin, Vienna, and Istanbul and also conduct research and write a paper on their findings. In German 283, this work will be done in English.

Special Needs/Costs: Cost: \$3,900. This includes roundtrip airfare and ground transportation, all museum fees, lodging, breakfast, and three group meals. Students will need to bring additional funds for lunches and dinners, as well as for souvenirs.

Maximum Enrollment: 12

Gen-Ed: HUM

Skills/Program: D

Prereq.:

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Course Number & Title: **GER 384/284 The Central Powers in World War I: Berlin, Vienna, Istanbul**

Instructor: Dr. Joseph Moser

Meeting Place, Days & Time(s): Study Away Course

Description:

This course examines World War I from the perspective of the Central Powers, the German, Austro-Hungarian, and Ottoman Empires. Students will visit sites and museums important to the history of the Great War in the former capitals of these Empires. This course will also provide insight on the transformative effect of WW I on the successor states of the Central Powers. No German required for German 283. German 207 required for German 383.

Major: Counts

Minor: Counts

Grading System: Daily field work from 9-12. Students will give on-site oral presentations on the arts and culture of Berlin, Vienna, and Istanbul and also conduct research and write a paper on their findings. In German 283, this work will be done in English.

Special Needs/Costs: Cost: \$3,900. This includes roundtrip airfare and ground transportation, all museum fees, lodging, breakfast, and three group meals. Students will need to bring additional funds for lunches and dinners, as well as for souvenirs.

Maximum Enrollment: 12

Gen-Ed: HUM

Skills/Program: D

Prereq.:

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Course Number & Title:                   **HIS 207            A More Perfect Union, the European Union at 51**

Instructor:                                    Dr. Robert H. Dodge

Meeting Place, Days & Time(s):        BUR 309            MTWRF            1:00 – 4:00 PM

Description:

A history of European integration since 1948 to the present, i.e. from the Marshall Plan to the European Coal and Steel Community (ECSC) to the European Economic Community (EEC) and now the European Union (EU) and their attendant enlargements. Special attention will be given to the failed referenda on a constitution for the EU in 2005. The course will conclude with a simulation of the Intergovernmental Conference (IGC) in December 2007 at Lisbon.

Major: Counts

Minor: Counts

Grading System: Discussion and written reports on various efforts to “constitutionalize” the European Union. Effectiveness in simulation of the IGC in Lisbon 2007

Special Needs/Costs: None

Maximum Enrollment:                    30 (10 seats reserved for freshmen)

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title:                   **HIS 256            China History Tour**

Instructor:                                    Dr. Patrick J. Caffrey

Meeting Place, Days & Time(s):        Study Away Course

Description:

Learn about Chinese history by visiting the sites where it unfolded while immersing yourself in the beauty and fascinations of Chinese culture. Among your experiences during our eighteen-day journey will be ultra-modern Shanghai; Suzhou, the Venice of China; Xi'an, the cradle of imperial China; Beijing, China's political capital and former home of emperors; Nanjing, China's southern capital; the Forbidden City, the Great Wall, and the Summer Palace; the First Emperor's Terra Cotta Army; temples and pagodas; banquets; traditional neighborhoods and gardens in the heart of modern cities; a farming village; imperialist, revolutionary, and Civil War sites; and the Gate of Heavenly Peace.

No prior study of China or its language is necessary. Grades will be based on evaluations of participation in discussions, a daily journal, and short essay assignments.

Major: Counts

Minor: Counts

Concentration: East Asian Studies

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**Grading System:** Grades will be based on participation in discussions, the evaluation of a daily journal, and short essay assignments to be completed during the trip.

**Special Needs/Costs:** This study abroad trip is not suitable for those with severe mobility, visual, or auditory disabilities. Prospective participants with special food needs should speak with the instructor before committing to the trip.

The trip fee is expected to be approximately \$3,400. Participants should budget an additional \$500 for inoculations, a visa, souvenirs, miscellaneous expenses, a tip for the guides, and several meals that are not covered by the trip fee.

Maximum Enrollment: 20

Gen-Ed: HUM

Skills/Program: D

Prereq.:

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Course Number & Title: **HIS 270-01 Historical Italy**

Instructor: Dr. James Gormly

Meeting Place, Days & Time(s): Study Away Course

### Description:

The experience of a life time – a historical tour of Italy from top to bottom. This course will introduce students to the sights, sounds, and histories, and cultures of Italy from the ancient period to the present, with special attention being paid to the Roman and Renaissance periods of Italian history. Students will visit a variety of historical sites, experience various forms of Italian culture, and be introduced to specific periods of Italian history. The course will include, but not be limited to, an examination of the remains of Greek colonization on the Italian peninsula and Sicily; the legacy of the Etruscans; and the glories of the development of the Roman Empire, as well as the historical and cultural aspects of several Italian city-states during the Medieval and Renaissance periods.

Major: Counts

Minor: Counts

**Grading System:** This course will require that students maintain a daily journal that will include, among other things, their understanding of the physical remains of historical periods, their understanding of specific historical events, their understanding of the development of Italian culture and society, and their experiences with present day Italy. In addition, each student will receive a workbook/reader that parallels the course of the class as it moves from site to site. This reader will provide readings and pose questions and problems for the students to complete based on their knowledge of the site being visited.

A final means of evaluation will be the opinion of the instructor on the student s' degree of participation in the activities that constitute this Intersession abroad.

**Special Needs/Costs:** Students will need a valid passport. The cost of the trip to the student will range from \$3,800 to 4,100. depending on the number of students traveling, travel costs, and the exchange rate of the dollar to the Euro.

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Maximum Enrollment: 22

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title: **HIS 270-02 Community History**

Instructor: Dr. W. Thomas Mainwaring

Meeting Place, Days & Time(s): MAI 206 MTWRF 10:00 AM – 12:00 PM

Description:

This course will take an in-depth look at the black community in Washington, Pa. Students taking the course will be interviewing long-time residents of the city and constructing their life histories through these interviews. Most of the interviews will take place at Citizens' Library. These interviews will become part of a larger community history project that aims to chart the history of the black community in Washington.

The interviews will focus on what it was like growing up in Washington when it was a largely segregated town, what impact the civil rights movement had on the city, and how the city has changed for the interviewees during their lifetime. Most of the interviewees will be selected in advance of the course, but students will have the opportunity to choose some interviewees on their own.

Major: Counts

Minor: Counts

Grading System Students will be evaluated on the quality of the interviews they conduct and the presentation that they make based upon their interviews.

Special Needs/Costs: Students will need to purchase or bring a decent tape recorder to class.

Maximum Enrollment: 15

Gen-Ed: HUM

Skills/Program: W

Prereq.:

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Course Number & Title: **HIS 270-04 A History of the Soviet GULag Through Literature**

Instructor: Mr. Joshua Andy

Meeting Place, Days & Time(s): MAI 205 MTWRF 3:00 – 6:00 PM

Description:

This course is designed to focus on the social and cultural history of the Soviet Union's camp system, the GULag, under Joseph Stalin. Going beyond the mere numbers of those repressed within the system, students will better understand everyday life within the system from the literature of those who endured through years of incarceration. Students will learn about long days, in sub zero weather, working in



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Gen-Ed: HUM  
Skills/Program:  
Prereq.:

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Course Number & Title: **IST 247/POL 250 Model G-20**  
Instructor: Dr. Zheya Gai  
Meeting Place, Days & Time(s): MAI B MTWR 1:00 – 3:30 PM

Description:  
This course is intended for students who are interested in Model United Nations. The first week of the course will be an overview of the basic principles, functions, and structures of the UN and the major issues of the UN today. In the second week, the students will be doing preparatory work for a simulation of a UN committee, which involves studying the rules of procedure, doing research on the issues involved and the issue positions of the countries they will be representing, and writing position papers. The third week will be devoted to running the simulation whereby the students, as representatives of different countries in the UN committee, will work on a resolution according to the rules of procedure.

INT Major: Counts  
POL Major: Counts  
Minor:

Grading System: Participation in class discussions; One paper on the issues involved in the G-20 simulation; One position paper for the country a student will represent at the simulation; Performance in the simulation

Special Needs/Costs: None

Maximum Enrollment: 10 for IST 247 (5 seats reserved for Freshmen)  
10 for POL 250 (3 seats reserved for Freshmen)

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title: **ITL 205 Game Design and Development**  
Instructor: Dr. Amanda Holland-Minkley  
Dr. Samuel Fee  
Meeting Place, Days & Time(s): TEK 222 MTWRF 1:00 – 5:00 PM

Description:  
What does it take to create an addictive computer game? Why has a game as simple as Tetris been translated to essentially every operating system, gaming platform, cell phone and to many other devices? Why does a seemingly niche game like World of Warcraft have over 11 million subscribers? In this course, students will learn to build videogames and create a portfolio of games for themselves. At the same time, they will also learn the core design principles that guide successful game development and use those principles to script their games and to critique a range of existing games as well as their own. No prior programming or graphic design experience is required.

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Major: Counts  
Minor: Counts  
Emphasis: Counts – New Media

Grading System: Students will be evaluated primarily based on short critiques of videogames (others' and their own), storyboards and design documents for their own videogames, and a portfolio of games produced during the class, including associated documentation.

Special Needs/Costs: Laboratory Fee

Maximum Enrollment: 20

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title:	<b>ITL 345</b>	<b>Geovisualization</b>	
Instructor:	Dr. Byoungjae Lee		
Meeting Place, Days & Time(s):	TEK 103A	MTWRF	9:00 AM – 12:00 PM

Description:  
Digital maps on the World Wide Web and in Geographic Information Systems (GIS) allow more and more people to make and use maps to analyze data in sophisticated ways. GIS applications are found in business, the natural sciences, the social sciences, urban planning and management, and scores of other fields. This course reviews cartographic design, production, and visualization in the context of geographic information systems (GIS). The core of this course is the laboratory project: students will locate data on the World Wide Web, process the data so it can be mapped in ArcGIS (GIS and mapping software), and design and produce a series of maps based on the data. Students will learn how to develop and understand the intellectual and visual hierarchies by collecting appropriate data, constructing the map, and evaluating the map. Lab work is informed by lectures which focus on the concepts, frameworks, and technical issues of cartographic design, production, and visualization.

Major: Counts  
Minor: Counts  
Emphasis: Counts - Data Discovery

Grading System: 2 Project Evaluations (Labs 6 & 10) @ 100 pts each = 200 pts., Lab Project = 530 pts total, Participation and effort will be rewarded.

Special Needs/Costs: Specific software will be needed, including ArcGIS, MS Office, and Google Earth. Laboratory Fee

This course will provide basic instruction in all of these software applications, but students will be expected to take initiative to learn additional details about the software and to solve problems as they arise. Students should expect to spend time outside of scheduled hours to complete the course project although I have included in-class time to work on the project. Laboratory Fee.

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Maximum Enrollment: 15

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title: **ITL 412 Supercomputing**

Instructor: Dr. Matthew North

Meeting Place, Days & Time(s): TEK 221 MTWRF 9:30 AM – 12:30 PM

Description:

This course is designed to expose students to the most common aspects of supercomputing including vector, parallel and massively parallel processors; architectural comparisons, parallel algorithms, vectorization techniques, parallelization techniques, virtualization and real implementation. For this course, we will use a Beowulf cluster approach to building a supercomputer.

Major: Counts

Minor: Counts

Emphasis: Data Discovery

Grading System: Daily attendance, Daily participation, Product evaluation reports, Lab reports, Design diagrams/documentation, Final written exam

Special Needs/Costs: None

Maximum Enrollment: 12

Gen-Ed:

Skills/Program:

Prereq.: ITL 102, 112 and either 221 or 241; or permission of the instructor

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Course Number & Title: **LAN 250 Contemporary Italian Culture and Cuisine**

Instructor: Dr. H. J. Manzari

Meeting Place, Days & Time(s): Study Away Course

Description:

This course provides an overview of some of the major trends and movements in Italian history, and culture since WWII. We will examine Italian history and will analyze cultural and literary texts related to historical periods and the debates they have generated since WWII. We will focus on different aspects of Italian cultural production in order to develop an understanding of the complexity of the process of nation formation in postwar Italy. Themes and topics of the course will include: the Resistance, postwar Italian politics, “the southern question,” mass and popular culture, representations of gender, social movements since 1968, film, literature, art, music, and

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the new multicultural society. This is an interdisciplinary course and we will pay close attention to new immigrations in Italy to give to students a deeper and broader understanding of Italian cultural complexity. Lectures, readings, and discussions will be in English and students will be required to keep a “cultural” journal.

We will visit the cities of Florence, Pisa, Genoa and Torino, among others, and explore contemporary Italian society in a post WWII context. We will identify the latest issues regarding immigration in Italy, paying particular attention to the treatment of the Roma gypsies and North African populations as both legal and illegal faces in the Italian portrait. Most importantly, this course will comparatively examine how the treatment of these new immigrants differs or is similar to that of the Jews who came to Italy during and after WWII.

Major: Does not count

Minor: Does not count

Grading System: (1) Bi-weekly Cultural Journal; (2) Critical thinking essays on major themes explored while in Italy; (3) Cumulative and ongoing oral assessment administered throughout the term. This formal evaluation assesses retained knowledge. This assessment instrument assesses mastery of each learning outcome. (4) Intensive Italian language and culture during the mornings of the first week of travel. Participation expected and students will be graded on their attitude and enthusiasm.

Special Needs/Costs: \$3800 USD

Maximum Enrollment: 22

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title: **MBB 100 Introduction to Mind Brain and Behavior**

Instructor: Dr. Michael P. Wolf

Meeting Place, Days & Time(s): MAI B MTWR 9:00 – 11:30 AM

Description:

This course is the entry into the Mind, Brain and Behavior Program. Basic anatomy and physiology of the nervous system is presented, along with its relation to behavior. Some topics covered in this section include sensation, perception, thinking, emotion, language and morality. Philosophical and physiological perspectives on the relation of mind and brain are covered in a separate section.

MBB Major: N/A

PHL Major: Counts

MBB Minor: Counts

PHL Minor: Counts

Grading System: In-class exams, In-class exercises and written reports, Term paper (≈1500 words)

Special Needs/Costs: Laboratory Fee

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Maximum Enrollment: 25 (10 Freshmen)

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title: **MBB 281/ENG 281/PHL 281 Approaches to Language**

Instructor: Dr. Jennifer Harding  
Dr. Hanna Kim

Meeting Place, Days & Time(s): BUR 203 MTWR 9:30 AM – 12:00 PM

Description:

Why are humans so good at speaking figuratively? Why won't your computer be writing you poetry any time soon? How do you know that dropping a class does not result in a crash on the floor and hitting the books does not result in bruised knuckles? In this class, we will consider the topic of figurative language from the perspectives of two different disciplines: cognitive poetics and philosophy. Students will learn to identify and analyze figurative language through two interconnected units, one taught by a professor from the English department and one from the Philosophy department.

ENG Major: Counts                      PHL Major: Counts                      MBB Major: N/A  
ENG Minor: Counts                      PHL Minor: Counts                      MBB Minor: Counts as Elective

Grading System: Students will be expected to read daily and will be assessed on their understanding of the material through class discussion. There will be regular small assignments and in-class activities, such as reading responses or quizzes, short response papers, or small grammatical or linguistic analysis tasks. There will be some combination of exams and papers including assessment of the students' integration of the content across the two units.

Special Needs/Costs: None

Maximum Enrollment: 24

Gen-Ed: HUM  
Skills/Program:  
Prereq.:

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Course Number & Title: **MTH 131 Calculus for the Business Sciences**

Instructor: Dr. John Zimmerman

Meeting Place, Days & Time(s): MAI 306 MTRF 10:00 – 11:30 AM &  
1:00 – 3:00 PM

Description:

This course explores the applications of functions, limits and the tools of calculus to a number of real world problems. Whether looking for maximum profits or minimizing costs, optimization tools will enable students to analyze business models from a quantitatively critical viewpoint. A close examination of marginal rates as well as economic growth and decay models will be discussed. Exposure to multivariable calculus and LaGrange multipliers will culminate the calculus tour.

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Major: Does not count

Minor: Does not count

Grading System: Papers, project, quizzes and exams, including a comprehensive final exam.

Special Needs/Costs: Students will be required to have a TI-83 or TI-84 graphing calculator.

Maximum Enrollment: 20

Gen-Ed: NSM

Skills/Program: Q

Prereq.:

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Course Number & Title: **MTH 233 Introduction to Scientific Typesetting**

Instructor: Dr. Ryan S. Higginbottom

Meeting Place, Days & Time(s): TEK 222 MTWRF 9:30 – 12:00 AM

Description:

Why do many people find science and math so ugly? The complex formulas and symbols that are frequently used in the sciences can present a visual barrier to appreciating the subjects themselves. Even worse, when novices are required to write out equations or formulas by hand, the result can be confusing, inaccurate, or just plain unattractive.

In this course, we will see just how beautiful the sciences can be! We will learn to use the typesetting program called LaTeX. We will see the power of this software to prepare articles, books, and presentations that involve scientific formulas. LaTeX has advanced capabilities for tables of content, indices, and bibliographies, so the skills we learn in this class are valuable for anyone who wants to typeset a beautiful document, regardless of the content.

Major: Does not count

Minor: Does not count

Grading System: Students will be evaluated on their completion of papers, projects, quizzes, group work, and a presentation.

Special Needs/Costs: Laboratory Fee

Maximum Enrollment: 15

Gen-Ed:

Skills/Program:

Prereq.:

Course Number & Title:	<b>MUS 106</b>	<b>Performance in Pittsburgh</b>	
Instructor:	Mr. Susan Medley		
Meeting Place, Days & Time(s):	OLN 213	MTWR	11:00 AM – 1:30 PM

Description:

This course is built around performances in major concert venues in Pittsburgh. Students will attend a performance of the Pittsburgh Symphony Pops at Heinz Hall, the Pittsburgh Chamber Music Society at Carnegie Music Hall featuring the Emerson String Quartet, and a Broadway musical at either the Benedum Center (CATS) or the Byham Theater (RENT), based upon ticket availability. Course material will be drawn from concert repertoire. Students will be exposed to a variety of genres, composers, and musical styles. Repertoire, composers, and (where applicable) performers will be studied in detail, and works will be placed in historical context. Live performances will take on new meaning through an awareness of concert etiquette and such factors as developing ensemble within a small chamber group, the role of the concertmaster in an orchestra, the role of the conductor, the many forces involved in presenting a musical, and the variety of positions within an arts organization, from artistic planning to development to house management.

Major: Does not count

Minor: Does not count

Grading System: Concert reflection papers, Quizzes, Group presentation, Final project, Final exam

Special Needs/Costs: \$100 fee to cover ticket and transportation costs

Maximum Enrollment:	20
Gen-Ed:	
Skills/Program:	
Prereq.:	Basic music reading ability.

Course Number & Title:	<b>MUS 222</b>	<b>Composing Your Life</b>	
Instructor:	Dr. Kyle Simpson Dr. Susan Woodard		
Meeting Place, Days & Time(s):	TEK 215	MTWRF	11:00 AM – 1:00 PM

Description:

In her widely acclaimed book, *Composing a Life*, Mary Catherine Bateson applies the metaphor of improvisation—creating as we go along—to describing the way life unfolded for five highly effective women. Beginning with a read through *Composing a Life*, this course extends that application to a group of motivated W&J students, offering each a chance to compose an original musical composition reflecting elements of their own, individual experiences mentored by a highly effective, living composer. Be assured the course is open to all students, regardless of previous experience with music.

In tandem with class discussions about the book, the course will examine musical examples of autobiographical reference by composers such as Ludwig van Beethoven, Gustav Mahler, Leonard Bernstein and Duke Ellington in search of the composers' stylistic fingerprints. Students will be guided in discovering elements of their own identity that translate readily into musical materials. During week two of the course, students will learn the basics of *Garage Band* music composition software, and begin collecting/recording their own compositional elements. Following individual Mac Lab work, each student will present his/her own 2-3 minute original composition, along with a prepared summary explaining just how the music is autobiographical. Since the course is a certified Writing (W) course, a daily journal that chronicles and evaluates the search for musical material, and a final essay (3-5 pages) are required.

MUS Major: Does not count  
MUS Minor: Counts

Grading System: (1) Graded musical composition process (2) Graded journal entries (3) Graded final oral presentation (4) Graded final essay (5) Graded *Garage Band* assignments (6) Graded final composition through *Garage Band*

Special Needs/Costs: Purchase text, Purchase Flashdrive (1 gb)

Maximum Enrollment: 20 (5 seats reserved for Freshmen)

Gen-Ed: ARTS  
Skills/Program: W  
Prereq.:

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Course Number & Title:	<b>NSC 210</b>	<b>Introduction to Neuroscience</b>
Instructor:	Dr. Lynn Wilson	
Meeting Place, Days & Time(s):	D-P 208	MTWRF 9:00 – 11:00 PM

Description:  
In this course, students will be introduced to the world of the Neuroscientist. Students will learn the subject matter of Neuroscience and gain insight into interdisciplinary nature of the field, bridging psychology and biology, as well as topics in physics and chemistry. To this end, we will examine various topics from the perspectives of these different disciplines. Examples of topics may include: cognition, motor systems, emotion, sensory systems, development, consciousness, evolution, and pharmacology. Each module will include lecture and background information, a discussion on a specific research question within the topic and some demonstration or applied experience.

Major: Does not count  
Minor: Counts  
Emphasis: Counts

Grading System: Weekly quizzes will ensure student comprehension of the material. Short papers or assignments based on outside readings will also be used. Grades will be assigned to students

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based on their performance on quizzes and papers, participation in discussion sections, and a final essay exam will evaluate ability to integrate and apply course content.

Special Needs/Costs: None

Maximum Enrollment: 25

Gen-Ed:

Skills/Program:

Prereq.: BIO 101, BIO 102, PSY 101, CHM 160,  
PHY 101 or PHY 107

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Course Number & Title: **PED 110 Ice Skating**

Instructor: Ms. Stacey Barber  
Ms. Vicki Staton

Meeting Place, Days & Time(s): Iceoplex at Southpointe MTR 1:00 – 3:00 PM

Description:

Learn to Skate!!!! An introduction to the fundamentals of ice skating. Emphasis will be placed on learning basic skills, balance, proper technique, and safety on the ice.

Counts toward PE/Wellness Requirement

Grading System: Class Participation, Attendance, Testing of skating skills

Special Needs/Costs: \$50 ice rental fee for each student. All students must provide their own transportation to the Iceoplex. All students must provide their own helmet to wear in this class.

Maximum Enrollment: 25

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title: **PED 122 Water Aerobics**

Instructor: Ms. Joanne F. North

Meeting Place, Days & Time(s): HEN POOL TR 9:30 – 10:45 AM

Description:

This is a water exercise class focusing on cardiovascular conditioning and muscle toning.

Counts toward PE/Wellness Requirement

Grading System: Skills Testing, Attendance

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Special Needs/Costs: None

Maximum Enrollment: 20

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title: **PED 123 Self Defense for Women**

Instructor: Mr. Mark Mastascusa

Meeting Place, Days & Time(s): HEN GYM2 TR 1:00 – 2:30 PM

Description:  
This course is designed to teach proper defense techniques used in a front, side, and rear attack.

Counts toward PE/Wellness Requirement

Grading System: Skills Testing, Attendance, Class Participation

Special Needs/Costs: None

Maximum Enrollment: 25

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title: **PED 202 Plyometrics**

Instructor: Mr. Matthew Caponi

Meeting Place, Days & Time(s): HEN GYM2 MWF 9:00 – 10:30 AM

Description:  
Get Bigger, Faster, Stronger.....This class is designed for students looking for advanced workouts to increase muscular strength, endurance, flexibility, and explosiveness through resistance rubber band training.

Counts toward PE/Wellness Requirement

Grading System: Demonstration of correct skill and form for each exercise, evaluation of the individualized workout plan and attendance.

Special Needs/Costs: None

Maximum Enrollment: 20

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title:                   **PED 203        Cardio Kick Boxing**

Instructor:                                   Mr. Mark Shrader

Meeting Place, Days & Time(s):       Schrader Martial Arts Academy       TR   1:00 – 2:30 PM

Description:  
Get in Shape and Have Fun Doing It!!!! This class is a combination of aerobics, boxing, and martial arts done to the high impact energy of dance club music. It is an intense total body work out.

Counts toward PE/Wellness Requirement

Grading System: Class Attendance & Skill Demonstration

Special Needs/Costs: None

Maximum Enrollment:                   25

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title:                   **PHL 231        Environmental Ethics**

Instructor:                                   Dr. Gregg Osborne

Meeting Place, Days & Time(s):       BUR 016       MTWRF       9:00 – 11:00 AM

Description:  
This course will serve as a basic introduction to some of the most crucial issues in the burgeoning field of environmental ethics. These include the nature and grounds of our obligations (if any) to future human generations, the nature and grounds of our obligations (if any) to non-human animals, the possibility that we have obligations to non-sentient as well as sentient organisms, and the possibility that we have obligations to ecosystems as wholes as opposed to individual organisms within them. The course will also explore some of the most threatening environmental problems with which we are currently faced; problems such as anthropogenic climate change, resource depletion, loss of bio-diversity, and difficulties with waste management. The format will be an informal mix of lecture and discussion and will feature several films in addition to readings.

Major: Counts  
Minor: Counts

Grading System: Grades will be determined on the basis of quizzes, several expository and argumentative papers, and quantity and quality of class participation.

Special Needs/Costs: None  
Maximum Enrollment:                   25  
Gen-Ed:  
Skills/Program:  
Prereq.:

Course Number & Title: **PHL 281/MBB 281/ENG 281 Approaches to Language**

Instructor: Dr. Jennifer Harding  
Dr. Hanna Kim

Meeting Place, Days & Time(s): BUR 203 MTWR 9:30 AM – 12:00 PM

Description:

Why are humans so good at speaking figuratively? Why won't your computer be writing you poetry any time soon? How do you know that dropping a class does not result in a crash on the floor and hitting the books does not result in bruised knuckles? In this class, we will consider the topic of figurative language from the perspectives of two different disciplines: cognitive poetics and philosophy. Students will learn to identify and analyze figurative language through two interconnected units, one taught by a professor from the English department and one from the Philosophy department.

ENG Major: Counts	PHL Major: Counts	MBB Major: N/A
ENG Minor: Counts	PHL Minor: Counts	MBB Minor: Counts as Elective

Grading System: Students will be expected to read daily and will be assessed on their understanding of the material through class discussion. There will be regular small assignments and in-class activities, such as reading responses or quizzes, short response papers, or small grammatical or linguistic analysis tasks. There will be some combination of exams and papers including assessment of the students' integration of the content across the two units.

Special Needs/Costs: None

Maximum Enrollment: 24

Gen-Ed: HUM

Skills/Program:

Prereq.:

Course Number & Title: **POL 216 Political and Social Systems of Africa**

Instructor: Dr. Buba Misawa

Meeting Place, Days & Time(s): Study Away Course

Description:

This course is designed as a practical experience to African political and social systems through The Gambian and Senegalese societies (Sene-Gambia). We will spend 18 days exploring the political culture and society of The Gambia and some parts of Senegal. Through extensive visits to numerous sites (cities, towns and villages), and interaction with traditional political institutions, we will attempt to discover and understand both the indigenous and modern African political cultures.

In village settings, we will focus on the traditional political and social systems of age groups and their political roles. We will observe the Village Assembly (the centerpiece of African political structure), debates in different villages, and the relationship between chiefs, privy councils, elders, and their subjects. We will also witness the procedure of political transformation of young girls by female political and social

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organizations; and attempt to examine and understand the political position of women in society in general. We will travel to the provinces from Banjul (the capital city where we will be based most of the time) by road, ship, boat, and ferry, to experience the culture and society of the Sene-Gambia. In Banjul, and other major cities, we will observe the workings and functioning of modern political institutions and structures. We will visit political institutions, structures, and national monuments, observe parliamentary debates or votes, and the use of national symbols for political socialization. In addition to the use of national symbols, we will observe how social functions, such as naming ceremonies, circumcision, community help-groups, and marriages, play an important role in defining the political culture of the Sene-Gambia region. We will, therefore, visit many social gatherings and places in order to fully appreciate African society, culture, and politics.

Major: Counts

Minor:

Grading System: Journal, Term Paper, Midterm Exam

Special Needs/Costs: 3,500.00 - includes air fare, room and board, ground transportation, seminars, travel guide and gratuity. Students will need a valid passport.

Maximum Enrollment: 20(5 seats reserved for Freshmen)

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title:	<b>POL 250</b>	<b>Mexico and the Caribbean</b>
Instructor:	Dr. Joseph DiSarro	
Meeting Place, Days & Time(s):	MAI 201	MTWRF 9:00 – 11:00 AM Field Trip – Study Away 1/16-23/10

### Description:

This course is an introduction to the government and politics of selected Caribbean nations with an emphasis on Mexico. The Caribbean region is one of great diversity. Nations of the region differ as to language, culture, and politics. In addition, the area has many social and political problems that have a direct impact on the United States. For example, illicit drugs and illegal immigrants enter the United States on a daily basis via this southern route and the region has been referred to as our “soft underbelly.” Students enrolled will be exposed to contending methodologies in the field of comparative/developmental politics and to specific problems associated with the political development of the region.

Questions to be examined include: (1) Why do some nations fail and others succeed in establishing democratic systems? (2) Should economic liberalization precede political liberalization? (3) What short and long term consequences should be anticipated from the dismantling of authoritarian-corporatist states? In short, this will be an inquiry into the decline of one-person one-party rule and the rise of market oriented democratic institutions. Particular attention is given to the political development of Mexico with emphasis on the policies of the administration of Vincente Fox Quesada as well as the policies of the newly elected administration of Felipe Calderon. Additionally, the controversial election of '06 between Felipe Calderon of the conservative National Action Party (PAN) and López Obrador of the left-wing party of the Democratic Revolution (PRD) is examined.

**Field Trip** - During this seven day excursion via the Caribbean to the Yucatan region of Mexico, students will be exposed to the three major periods of Mexican development, i.e., Pre-Columbian, Colonial, and

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Modern Mexico. The program includes field trips to archeological sites such as Tulum and Coba; to a traditional Mayan village; to the colonial city Viejo San Miguel and to Playa Del Carmen. Lectures and discussions will focus on the following topics: (1) the Mayan and Hispanic cultural traditions, (2) the marginal Mexican and the consequence of forced immigration, and (3) the Zapatista revolt in Chiapas.

Major: Counts  
Minor:

Grading System: Two essay examinations, Short Paper, Oral presentation

Special Needs/Costs: \$1,290.00 price includes: round trip airfare, taxes, tips, hotel, meals and all entrance fees and guides.

Maximum Enrollment: 16

Gen-Ed: D  
Skills/Program:  
Prereq.:

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Course Number & Title:	<b>POL 250/ IST 247</b>	<b>Model G-20</b>
Instructor:	Dr. Zheya Gai	
Meeting Place, Days & Time(s):	MAI B	MTWR 1:00 – 3:30 PM

Description:  
This course is intended for students who are interested in Model United Nations. The first week of the course will be an overview of the basic principles, functions, and structures of the UN and the major issues of the UN today. In the second week, the students will be doing preparatory work for a simulation of a UN committee, which involves studying the rules of procedure, doing research on the issues involved and the issue positions of the countries they will be representing, and writing position papers. The third week will be devoted to running the simulation whereby the students, as representatives of different countries in the UN committee, will work on a resolution according to the rules of procedure.

INT Major: Counts  
POL Major: Counts  
Minor:

Grading System: Participation in class discussions; One paper on the issues involved in the G-20 simulation; One position paper for the country a student will represent at the simulation; Performance in the simulation

Special Needs/Costs: None  
Maximum Enrollment: 10 for IST 247 (5 seats reserved for Freshmen)  
10 for POL 250 (3 seats reserved for Freshmen)

Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title:                   **POL 316        Watergate**

Instructor:                                   Dr. James Benze

Meeting Place, Days & Time(s):       MAI 305        MTWR        8:30 – 11:00 AM

Description:

Watergate has come to symbolize many different things to many different people. To some, it is seen as a unique phenomena limited to the abuse of power by a single individual. To others, it is a culmination of the events of several decades where Presidents increasingly became abusive of the power of their Office. To still others, it represents a plot by a liberal Congress and media to "overthrow" a conservative Republican President. And to some, Watergate is merely a term from history books and something they no little about.

Major: Counts

Minor:

Grading System: Two exams, a short paper, attendance and participation

Special Needs/Costs: None

Maximum Enrollment:                   20 (5 reserved for Freshmen)

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title:                   **PSY 250        Environmental Psychology**

Instructor:                                   Dr. Stan Myers

Meeting Place, Days & Time(s):       Study Away Course

Description:

This course is offered as a companion to BIO 250 offered by Dr. Lawrence. All students will take the same trip but the emphasis will be slightly different. PSY 250 students will be concentrating on the impact humans, including our own group, are having on the natural environment of Africa. They will also be expected to compare that impact with that of humans on the North American environment.

Before departing, students will be expected to know about human impact in both environments. That knowledge will be gathered from the reading lists which are attached, and from their own research into more current literature. During the trip they will be expected to keep a journal which logs what they observe, how those observations compare to what they expected to find based on their readings, and a comparison of that observed impact to what they have observed in America.

In their journals, students will be expected to comment on a variety of topics, including but not necessarily limited to: human lifestyles, transportation, pollution of all sorts, wildlife, population and agriculture. Grades will be based on the depth of their knowledge about human impacts on both environments, the insight demonstrated in their comparisons of the two environments, and the clarity of their observations during the trip.

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Major: Counts  
Minor: Does not count

Grading System: Grades will be based on the paper written before departure, and on the daily journal they will keep while traveling and will turn in when we board the plane to return home

Special Needs/Costs: \$3,800-4,000 to cover air fare, safari costs, food, visa, passports, etc

Maximum Enrollment: 5

Gen-Ed:  
Skills/Program: W  
Prereq.:

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Course Number & Title: **PSY 299 Psychology Internship**

Instructor: Dr. Cathy Petchel

Meeting Place, Days & Time(s): D-P 304 W 1:00 – 3:00 PM – On Campus  
MTRF Internship Site 9 AM – 5 PM

Description:

The goal of the Psychology Internship will be to provide Psychology students with an opportunity to apply the principles within the field of psychology, integrate classroom learning with hands-on-experience. The Psychology Dept, local human service agencies and other businesses work in Partnership to support students in a wide variety of learning experiences. The Internship experience will direct focus on the Site learning and in the classroom when we meet once a week for half a day focusing upon literature reviews and site specific experiences .

Major: Counts  
Minor: Does not count

Grading System: Evaluations: Site Supervisor and Internship Coordinator, Class assignments and log of daily activities, Completion of Project

Special Needs/Costs: Travel to and from off campus site (although most are within walking distance).

Maximum Enrollment: 15

Gen-Ed:  
Skills/Program:  
Prereq.: PSY 101, PSY 102 & Jr. Sr. Standing & Permission of Instructor

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Course Number & Title: **PSY 303 Organizational Behavior Management**

Instructor: Dr. Nicholas Cavoti

Meeting Place, Days & Time(s): D-P 200 MTRF 9:00 – 11:30 AM

Description:

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This course is an in-depth examination of the application of behavior analysis to industrial and business settings. It begins with a thorough review of the basic concepts of behavior analysis, but emphasizes the application of those techniques. Several actual cases of managerial problems in business and industry will be examined carefully along with their solutions. Since students will be expected to develop their own intervention plans to address actual management challenges, this course is especially valuable to those individuals planning careers in applied psychology, business, or industry.

**Note:** This course counts toward completion of the program in Human Resource Management.

Major: Counts

Minor: Does not count

Emphasis: Counts towards Human Resource Mgmt. Program

Grading System: performance on objective and essay exam items; student presentation; graded contribution to class discussion; and performance on written intervention.

Special Needs/Costs: None

Maximum Enrollment: 20 (5 seats for freshmen with PSY 101)

Gen-Ed:

Skills/Program:

Prereq.: PSY 101, PSY 102

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Course Number & Title:	<b>PSY 361</b>	<b>Psychology of Adulthood &amp; Aging</b>
Instructor:	Dr. Rebecca L. Grime	
Meeting Place, Days & Time(s):	D-P 202	MTWR 10:00 AM – 12:30 PM

Description:

This course will highlight selected concepts, theory, and research in adult psychological development. Topics include identity development, coping with physical aging, marriage, and retirement. Students will attend scheduled weekly class meetings, which include lecture and discussion. Additionally, students will make twice-weekly visits to a local senior care center. Weekly visiting times to the local senior center will be arranged on an individual basis, depending on the schedule of individual students and senior center residents. Senior center is approximately 1.25 miles walking/driving distance of campus.

Major: Counts

Minor: Counts

Concentration: Counts toward GWS

Grading System:

Class attendance – 10%

Completion of weekly conversation partnership time and discussion points– 10%

Completion of weekly reading and discussion points – 10%

Weekly quizzes – 20%

Class presentation – 20%

Conversation partner reflection paper – 30%

Special Needs/Costs: In addition to attending scheduled class times, students must be able to

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visit the senior care facility twice a week in order to form a conversation partnership with a resident of that facility. Many students carpool together.

Maximum Enrollment: 15 (3 seats reserved for freshmen)

Gen-Ed:

Skills/Program:

GWS

Prereq.:

PSY 101

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Course Number & Title: **REL 115 Human Origins: Scientific and Christian Perspectives**

Instructor: Dr. Steven Malinak

Meeting Place, Days & Time(s): BUR 209 MTWRF 9:30 AM – 12:00 PM

Description:

A poll conducted by The Pew Forum on Religious and Public Life in 2005 indicated that 42% of Americans do not accept scientific explanations for human origin. The same poll indicated that 64% of Americans believe that some form of creationism should be taught along with evolution. Only 29% of Americans accept evolution as a reasonable explanation for the diversity of life on Earth and the mechanism through which *Homo sapiens* came to be. In contrast, The National Academy of Sciences, in the 1999 publication *Science and Creationism*, states that “many scientific explanations have been so thoroughly tested and confirmed that they are held with great confidence. The theory of evolution is one of these well-established explanations. The theory of evolution has become the central unifying concept of biology and is a critical component of many related scientific disciplines.” Clearly, the American public and the scientific community disagree over how best to understand the origin of life. The discussion between both sides tends to be charged with emotion, because theories about human origin touch at the core of what it means to us to be human. In this class, we will explore both sides of this debate by considering the nature of science, the historical interaction between Christianity and science, and the scientific and creationist views that offer explanations for our origins. No substantial background in science or Christianity is required, as the essentials of many relevant ideas will be presented in a non-threatening manner. It is important that you understand that *this course is not designed to convince you to believe or not believe in anything*. It is simply the beginning of what will hopefully be a continuing, enlightened conversation. Students should expect *significant* daily reading and will be evaluated on the basis of short papers, a final exam, quizzes, and class participation.

Major: Does not count

Minor: Counts

Grading System:

4 Essays (minimum 2 pages each)	30%
Outline of Romans 1-11	5%
5 Reading Quizzes	30%
Class participation	20%
Final exam	15%

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Special Needs/Costs: None

Maximum Enrollment: 25 (15 reserved for Freshmen)

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title: **REL 203 Acquiring Wisdom: A Study of Biblical Wisdom Literature**

Instructor: Dr. Robert P. Vande Kappelle

Meeting Place, Days & Time(s): MAI 404 MTRF 9:30 AM – 12:00 PM

Description:

The couplet, “Early to bed, and early to rise, makes a person healthy, wealthy, and wise,” has been around for over 150 years. While college students generally ignore the advice in the first verse, all pay attention to the concluding verse, for it introduces three highly desirable qualities. How would you prioritize these in your life? Where would you put wisdom? And what exactly do we mean by “wisdom”? This course will address these questions and help you to achieve perspective on these and other qualities that are essential to an examined life.

Through their inspirational teachings, the sages of the biblical wisdom tradition offer time-honored advice about some of life’s most difficult questions, including the problem of the suffering of the innocent, the nature of evil, and how to deal with the uncertainties of life. They also address such themes as friendship, virtue and vice, marriage and the choice of a spouse, decision making, life priorities, child rearing, illness, and death. The insights offered in the biblical tradition and the efforts of the biblical sages to integrate faith and reason as well as revelation and human wisdom, rival those of the renowned philosophical schools of ancient Greece. Our survey of biblical wisdom literature will include an examination of *Proverbs*, *Job*, *Ecclesiastes*, *Song of Solomon*, *Daniel*, and selections from the *Gospels* as well as from the book of *Psalms*. In addition, we will study two extraordinary wisdom writings that are included as scripture by Roman Catholics and Eastern Orthodox, namely *Ecclesiasticus* (also known as the book of *Sirach*) and the *Wisdom of Solomon*, the latter written only a couple of decades before the birth of Christ.

Major: Does not count

Minor: Counts

Grading System: Discussions, papers, and seminar presentations

Special Needs/Costs: None

Maximum Enrollment: 20 (5 reserved for Freshmen)

Gen-Ed: HUM

Skills/Program:

Prereq.:

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Course Number & Title:                   **RUS 212/ HIS 321      Historical and Contemporary Moscow**

Instructor:                                   Staff/  
Dr. Robert Dodge

Meeting Place, Days & Time(s):       Study Away Course (Late May Early June)

**Description:**

A two-week course in late May/early June at the International University of Moscow, an education institution with which Washington & Jefferson College has a formal agreement. The course will consist of 24 contact hours in Russian language taught by IUM Russian language instructors and six hours of formal lectures in English presented by specialists in economics, culture, politics, and history. Sightseeing will include the Kremlin; Park Pobeda (Victory Park), commemorating the Soviet victory over Nazi Germany in World War II; the tomb of the Unknown Soldier in the Alexander Gardens, adjacent to the Kremlin; Novodevichy Cemetery and Convent; Tret'yakov Gallery of Russian Art; the State Duma; the Bolshoi Theater; and an overnight to the ancient cities of Vladimir and Suzdal. This is the same course as HIS 321.

Students who register for HIS 321 must select a historical and/or cultural topic and have it approved by the instructor before the course begins. The student will do some reading and research on this topic before departure. Following completion of the Moscow portion of the course, the student will research and write a paper of 15 to 20 pages on that topic. The paper will be submitted six weeks after returning from Russia.

Major: HIS – Counts                       RUS - Does not count  
Minor: HIS – Counts                       RUS - Does not count

Grading System: Methods of evaluation will be consistent with those developed by Professor Kitaigorodskaya and tailored to meet the needs of our students.

Special Needs/Costs: Special needs to be determined in the course of preparation, but will include passport and valid visa.

Maximum Enrollment:

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title:                   **SCI 142            Physics and Chemistry of Taekwondo**

Instructor:                                   Dr. Nobunaka Matsuno

Meeting Place, Days & Time(s):       THI 022                   MTWR                   9:00 – 11:30 AM  
HEN Back Gym

**Description:**

This course explores Taekwondo as martial arts with respect to Physics and Chemistry. When a body is used properly, tremendous power can be generated. A Taekwondo Master can break a concrete block with a bare hand. How is it possible? In this course, the physical basis of Taekwondo is covered in a lecture-style class. Some of the classroom hours will be used to bring the theory to practical Taekwondo exercise. Also, the chemical and metabolic basis of Taekwondo exercise will be discussed.

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Major: Does not Count

Minor: Does not Count

Grading System: Written test 50 %, Attendance 30%, Taekwondo practical 20%

Special Needs/Costs: Active wear/Clothing appropriate for physical activities.

Maximum Enrollment: 18  
Gen-Ed:  
Skills/Program:  
Prereq.: Algebra based Mathematics

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Course Number & Title: **SOC 223      Juvenile Justice**  
Instructor: Dr. Stuart Miller  
Meeting Place, Days & Time(s): MAI 203                      MTWR                      9:00 – 11:30 AM

Description:  
This course examines juvenile delinquency and society's efforts to deal with it. The history of delinquency and juvenile justice is traced from colonial days to the present. The focus is on the nature of delinquency and the juvenile justice system, including police programs, diversion programs, probation, institutionalization, and aftercare as well as some of the issues involved in juvenile justice.

Major: Counts  
Minor: Counts  
Emphasis: Counts

Grading System: Exam; short paper

Special Needs/Costs: None

Maximum Enrollment: 20  
Gen-Ed:  
Skills/Program:  
Prereq.:

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Course Number & Title: **SOC 231      Monasticism: Nuns and Monks**  
Instructor: Dr. Colleen Hyden  
Meeting Place, Days & Time(s): MAI 205                      MTWR                      9:00 AM – 11:30 PM

Description:  
This course will give students a chance to learn about western monasticism, with a focus on the lives of cloistered nuns and monks. With their vows of poverty, chastity, and obedience, the lives of cloistered religious stand in stark contrast to the dominant ethos of secularism, materialism, and self-fulfillment. As such, they are both countercultural and unfathomable to the ordinary person. Students will have an opportunity to learn about the monasticism of cloistered nuns and monks, including what their lives entail, and what motivates them to live in a way that is seemingly so at odds with the rest of society.

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Major: Counts

Minor: Counts

Grading System: May entail exams, class participation, class presentation

Special Needs/Costs: May need to use Questia for one of the books. Cost of this, though, would be substantially less than purchasing a book at the bookstore.

Maximum Enrollment: 14

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title: **SOC 247      Mirrors and Masks, A Look at Symbolic Interaction**

Instructor: Dr. John F. Krol

Meeting Place, Days & Time(s): MAI 305      MTWRF      1- 3:00 p.m.

Description:

Through interactions with others identities are created and society is maintained. But, everyday life is not without its problems. How is this everyday life managed? Most often sociologists look at the “big picture,” not the mundane. This course will remedy that oversight.

The course offers an overview of the perspective most often associated with everyday life – symbolic interaction. It then examines the specifics of the quest for identity through face-to-face interaction paying specific attention to women and men in conversation.

SOC Major: Counts

SOC Minor: Counts

Grading System: In class discussion, a group presentation, a quiz, and a short paper.

Special Needs/Costs: Two books: the basic text and one of their choice

Maximum Enrollment: 15

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title:                      **SPN 332              Mexico: Exploring Cultural, History and Daily Life in Guanajuato**

Instructor:                                      Dr. Katherine Ternes

Meeting Place, Days & Time(s):              Study Away Course      MTWR mornings (3 hrs. Language Instruction. Cultural Activities during afternoon

Description:

**¡Qué viva México!: Exploring Culture, History, and Daily Life in Guanajuato**

Discover what life is like in Guanajuato, Mexico! Guanajuato is a colonial city nestled in the picturesque mountains of central Mexico. It is the perfect place to immerse yourself in Mexican culture and history, and to put your Spanish to good use! Your Spanish skills will greatly improve through intensive language and culture study at the Escuela de Idiomas, a branch of the highly esteemed Universidad de Guanajuato. Depending on your placement (intermediate or advanced), you will enroll in approximately ten hours per week of small group instruction under the guidance of native Spanish-speaking teachers. The method of instruction stresses oral proficiency and grammatical accuracy. You will also learn about Mexican life and culture by taking a class in which you cook delicious Mexican dishes or practice folkloric dances. In addition to the classes, an important component of this trip is the family stay. On a daily basis, you will be dining and communicating with your family. In the afternoons, we will hold discussion sessions about the history, culture, and people of Guanajuato, while visiting historical sites, sampling the local cuisine, and mingling with people in the hot spots of the city. You will keep a journal of your reactions to discussion topics and of your personal observations. The long weekends will allow us time to explore neighboring towns. Either at the beginning or end of the trip, we will spend a weekend in Mexico City. Some of the popular sites in Mexico City are the Palacio Nacional, Chapultepec Park, Casa Azul (Frida Kahlo's house), and the Museo Nacional de Arqueología.

Major: Counts

Minor: Counts

Grading System:

- In their classes, students will be graded on their oral participation, assignments, and quizzes.
- Students will be responsible for writing a journal.
- The professor will assess their progress with an oral interview at the end of the three weeks.

Special Needs/Costs: The course will cost around 2,500, plus personal expenses.

Included in the program fee:

- Airfare from Pittsburgh to Mexico City; Mexico City to Guanajuato
- Language instruction
- Medical, medical evacuation and repatriation of remains insurance for all students
- Housing and some meals
- Field trips and excursions

Maximum Enrollment:                      10

Gen-Ed:

Skills/Program:

Prereq.:    SPN 105

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Course Number & Title: **THR 250-01 Improvisation**

Instructor: Dr. Karin Maresh

Meeting Place, Days & Time(s): OLN THR MTWRF 10:00 AM– 12:00 PM

Description:

An introductory course designed to give students practical experience with the fundamentals of theatrical improvisation. Although useful for actors, this course is also meant to benefit students with varied career goals. Course work will consist of a combination of in-class games and exercises with outside readings, journaling, and written assignments.

Major: Counts

Minor: Counts

Grading System: In-class observation and written assignments

Special Needs/Costs: None

Maximum Enrollment: 16

Gen-Ed:

Skills/Program:

Prereq.:

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Course Number & Title: **THR 250-02 Movement in Performance**

Instructor: Mr. Matthew Easton

Meeting Place, Days & Time(s): OLN THR MTWRF 1:00 – 4:00 PM

Description:

Actors have but two tools at their disposal, their mind and body. The class Movement in Performance enables students to explore their mind and body through physical acting techniques. Through games and exercises, students use their bodies to become better storytellers, exploring their physicality to create characters, support emotions, free the voice, and maintain control of performance. Students will also learn creative ways to use their body to unlock their imaginations.

Major: Counts for THR

Minor: Counts for THR and ESP

Grading System: Student's ability to perform a series of workshop exercises—one third of the grade. Quantity and quality of participation in class discussion, as well as insight expressed in individual conferences—one third of the grade. Quantity and quality of Journal entries—one third of grade

Special Needs/Costs: None

Maximum Enrollment: 16

Gen-Ed:

