

Fall 2007 Experimental and Topics Course Descriptions

ANIMAL SCIENCE

ANSC 367-010 ANIMAL BEHAVIOR

Introductory course on domestic and companion animal behavior, in relation to animal management, production, and welfare. Covers animal behavior and its basis, including genetic, physiological and environmental factors, as well as different types of behavior, such as communication, feeding, social, parental, and others.

ANSC 467-010 HISTOLOGY OF LYMPHOID TISSUES

Tissues of the immune system covering reticular connective tissue including reticular cells and reticular fibers, bone marrow, lymphatic vessels, lymph nodes, spleen, germinal centers, thymus, and bursa of fabricius.

ANTHROPOLOGY

ANTH 367-010 MEDICAL ANTHROPOLOGY

Studies complex interactions of human biology (evolution, variation, and adaptation), and human culture (beliefs and practices) that result in specific patterns of health, illness, and disease. Takes an evolutionary and cross-cultural approach, and satisfies the biological anthropology requirement for majors.

ARTS & SCIENCE

ARSC 367-010 RESEARCH IN AREA STUDIES

Interdisciplinary lecture series offered by the Area Studies Programs-African Studies, East Asian Studies, Continental European Studies, Islamic Studies and Latin American Studies. Discusses research related to politics, literature and society around the world.

ART CONSERVATION

ARTC 467-010 STUDIO TRADITIONAL JAPANESE ART

Lecture-studio presentation on materials, tools, supports and techniques of drawing and painting in traditional Japanese art. Studio reconstructions of masterworks, lectures and library research.

ARTC 467-011 STUDIO EARLY EUROPEAN PAINTING

Lecture-Studio presentation on materials, tools, supports and techniques for early European painting techniques. Studio reconstructions of masterworks in addition to library research.

ART HISTORY

ARTH 402-011 MODERN & CONTEMPORARY ARCHITECTURE, 1850-PRESENT

Explores architecture and design concepts in modern times. Examines a wide range of case studies across time-periods and world regions, from the modern-designed cities to abandoned factories and from well-known buildings and controversial sites of construction.

ARTH 435/635-010 COLONIAL ART ACROSS NORTH AMERICA

Comparatively explores diverse practices of art making across colonial North America, including New Spain, New France, and British America. Utilizing art-historical methods, postcolonial theory, and Atlantic world studies, investigates material cultures of creolization and cultural exchanges between indigenous, enslaved, and European groups.

ARTH 406-080/ARTH606-010 SUGER'S ST. DENIS & RELATED PROBLEMS

Focuses on the royal abbey of St. Denis, near Paris, and its Abbot Suger, and the texts, buildings, sculpture, glass painting, and objects from or for the abbey (roughly 1122-1151), and their context. Includes Reims, Rome, and Norman Sicily.

ARTH 605-010 ROMAN RELIGION AND RITUAL

Investigates the material evidence of religion in the ancient cities of Rome, Pompeii, and Ostia. Explores the social and political contexts in which Romans identified with official and non-official religion, and the roles of religion in the daily lives Romans.

ARTH 617-010 THE SELF-PORTRAIT IN THE AGE OF DURER & REMBRANDT

Explores the rise of the self-portrait, ideas of the artist, and issues of identity in 16th- and 17th-century northern Europe.

ARTH 620-010 READING (DOGON ART & ARCHITECTURE) BEYOND PRIMITIVISM

The Dogon people produced perhaps the most significant 'classical' African art, confirmed by the sustained focus it received from Michel Leiris, Marcel Griaule, Germaine Dieterlien, Carl Sagan and Valentin Mudimbe--naming a few. Seminar grasps this art's significance, separating art historical truth from public mythologies.

ARTH 626-010 MODERN PORTRAITURE

Portraiture in the modern period (ca. 1800 to the present) considered historically and theoretically. Questions of identity, social and political control, subjectivity, the body, distortion and abstraction in relation to modern and post-modern portraiture in diverse media.

BIOLOGICAL SCIENCES

BISC 667-010 RESEARCH METHODS IN BIOLOGY

Covers methods for analyzing numerical data in biology, including techniques for categorical data (chi-square and likelihood ratio tests), analysis of variance, regression, nonparametric tests, and experimental design. Emphasis on choosing the appropriate techniques for biological data, rather than the mathematical derivation of the methods.

CHEMICAL ENGINEERING

CHEG 667-010 BIO-BASED MATERIALS

Examines the chemistry, physics and engineering development of plastics, adhesives, composites, foams, elastomers and coatings from plant co-products such as oils, starch, proteins, lignin, and cellulose. For students studying chemical engineering, chemistry, biochemistry, physics, materials science, engineering, agriculture and biotechnology related disciplines.

CHEMISTRY

CHEM 667-010 INDUSTRIAL CHEMISTRY

Describes the chemical industry; what it does and how it differs from academia. Examines the transformation of a few basic raw materials into the myriad products that our society takes for granted. Discusses current trends in the industry and the challenges of the future.

CHEM 667-011 BIOCHEMISTRY OF NUCLEIC ACIDS

Nucleotide metabolism, DNA and RNA structures, chromatin structure, chemical modification of DNA and chromatin, DNA replication, recombination and repair, RNA transcription, mRNA processing, ribozyme, regulation of gene expression, epigenetics. Prereq: CHEM-641/642

CHEM 874-010 THEORY OF NMR SPECTROSCOPY

Elements of NMR spectroscopy, including the theory of nuclear magnetic resonance, pulse and Fourier transform experiments, spin dynamics, and interpretation of NMR parameters (chemical shielding and relaxation rates) in terms of chemical structure and dynamics. Requires some previous knowledge of quantum mechanics and calculus.

CIVIL & ENVIRONMENTAL ENGINEERING

CIEG 467/667-014 DEEP FOUNDATIONS

Addresses the application, selection, design, construction and inspection of deep foundations. Examines driven piles, drilled shafts, and micropiles. Includes development of cost comparisons, specifications, contract documents and bidding practices.

CIEG 467/667-017 REGIONAL ANALYSIS METHODS

Analysis and modeling tools focused on relationships between existing, planned, and proposed transportation systems; how varying mobilities impact forecast population and employment distributions.

CIEG 667-010 METALS IN THE ENVIRONMENT

Examines the science and engineering knowledge available to address problems ranging from mining and superfund sites with high concentrations, to widespread low concentrations with potential biological effects. Focuses on the processes controlling the fate and biological availability of metals.

CIEG 667-012 SOIL BEHAVIOR

Measuring the shear strength of soils. Shear behavior of soil examined from a fundamental soil perspective. Review of methods of testing to define response; rationale for choosing shear strength and deformation parameters of soils for design applications.

COMPUTER & INFORMATION SCIENCES

CISC/CPEG 367-010 HISTORY AND PRESERVATION OF MICROCOMPUTING

Explores important milestones contributing to the evolution of modern micro-computing systems through historical context and by experimenting with historical microcomputer system hardware, operating systems and software. Focuses on reasons why historical preservation of computer hardware and software is important through research and discussion.

CISC 367-011 PROGRAMMING PRACTICUM: RAPID PROTOTYPING

Programming projects typically need teams of programmers to rapidly develop proof-of-concept working implementations. Hones the skills of

the programmer's craft, using ACM International Programming Contest problems as examples. Three hour weekly lab without additional work time.

CISC 459/659-010 SIMULATION OF COMPUTER NETWORKS

Modeling and computer simulation of discrete systems using discrete event simulation techniques. Application to the performance evaluation and modeling of computer networks and networking protocols. Study and use of the OPNET simulation system, Qualnet, and ns-2. For more details please go to:

<http://www.cis.udel.edu/~sethi/cisc659>

CISC 467/667-010 DATA MINING

Concepts, techniques, and algorithms for mining large data sets to discover structural patterns that can be used to make a subsequent predictions. Use of the Weka workbench, a set of data mining tools. Prereq: CISC220 and at least one 300-level CISC, JAVA or permission of the instructor.

CISC 849-010 COMPUTATIONAL PHOTOGRAPHY & VIDEOS

Broad overview on modern computational approaches used to generate digital images and videos. Includes video capturing devices, novel camera models, movie special effects, and high dynamic range (HDR) vs. low dynamic range (LDR) images/videos.

CISC 879-010 ADVANCED TOPICS IN DISTRIBUTED SYSTEMS

Covers recent developments in Distributed Systems research from grid computing to advanced network-centric "middleware".

CISC 889-010 TALKING MACHINES

Overview of Text-to-Speech (TTS) systems, particularly systems that rely on machine learning techniques to train synthesis on a corpus of natural speech. Includes acoustic properties of speech, current research areas in TTS, and construction of a minimal TTS system.

Prereq: Must be proficient in C and must be familiar with algorithms and machine learning.

COMMUNICATION

COMM 200-440 CONFLICT & YOU

Designed to explore the various aspects of conflict, as well as the different ways individuals approach conflict. Discusses how conflict is defined, ways of coping with conflict, productive and unproductive conflict, and strategies for coping with conflict.

COMM 310-080 CONSUMING THE ROMANTIC UTOPIA

Examination of Eva Illouz's, "Consuming the Romantic Utopia: Love and the Cultural Contradictions of Capitalism." Covers years of field interviews, and analyzes the content of music, films, advertisements and advice columns that speak to the construct of our culture's relationship with love. Studies the symbolic world of romance found in mass media.

COMM 418/618-010 NEWS & THE PRESIDENTIAL CAMPAIGN

Examines the role of news in politics, focusing in particular on presidential campaigns. Includes an overview of associated theory and current research, as well as applications to contemporary campaigns.

COMM 418-011 SPORTS & THE MEDIA

Explores the relationships that exist between sports and the media. Includes the ways sports influence media, such as print, television and the Internet, and the ways the media influences college and professional sports.

COMM 425-080/POSC 425-080 GLOBAL MEDIA AND INTERNATIONAL POLITICS

Explores the role of global news media in a world where politics and media both cross national boundaries. Focuses on international politics and media. Satisfies the POSC340 - POSC JOURNALISM REQUIREMENT.

COMM 440/640-050 THE DARK SIDE OF INTERPERSONAL COMMUNICATION

Sheds light on the darker realms of interpersonal communication and encourages further consideration of the hidden elements of human relating. Explores the highly important yet often neglected phenomena of hurtful messages. Emphasizes both the positive and negative relational effects of these phenomena.

CRIMINAL JUSTICE

CRJU 437-010 SEMINAR ON CORRECTIONS

Focuses on the controversial topic of sex crimes and punishment, in order to develop students' abilities to think critically about the relationship between values, empirical research, and public policy. Responsibilities include presenting and critiquing the assigned readings, and moderating class discussion.

EDUCATION

EDUC 867-010 APPLIED MULTIVARIATE STATISTICS

In-depth coverage of multivariate statistical procedures. Emphasis is applied. Covers multiple regression analysis, logistic regression, multivariate analysis of variance, discriminant function analysis, principle components and exploratory factor analysis. Optional lecture on hierarchical linear modeling. Prereq: Master's level statistics course.

EDUC 867-011 THE PRAGMATIC USES OF ARGUMENT

Discusses different perspectives about the analysis and evaluation of argumentation, in order to better understand the many different purposes of argumentation, the kinds of pragmatic argumentative strategies that can be used to accomplish these goals, and the standards that can be used to critically evaluate these strategies in practice.

ELECTRICAL ENGINEERING

ELEG 467/667-010 OPTICS AND PHOTONICS

Focuses on understanding of the fundamental principles of optics. Includes geometrical optics, Gaussian optics, coherence, polarization, interference and diffraction. Discusses specific applications including optical components and instrumentations, imaging, resonators and Fourier optics.

ELEG 467/667-011 INTRODUCTION TO MEDICAL IMAGING SYSTEMS

Introduction to modern medical imaging systems. Covers basic physics, instrumentation, system design, and image reconstruction algorithms for

the following modalities: radiography, x-ray computed tomography (CT), magnetic resonance imaging (MRI), real-time ultrasound, optical coherence tomography (OCT), and positron emission tomography (PET).

ELEG 467/667-012 PROGRAMMING MODERN GRAPHICS CARDS

Covers GPU organization, concepts and techniques for performing general-purpose computing on graphics cards. Includes understanding their architecture and principles of application optimization.

ELEG 467/667-013 ELECTRIC POWER & RENEWABLE ENERGY SYSTEMS

Introduction to electric power systems and interfaces with renewable energy sources. Covers electric power generation, transmission, distribution; residential, commercial, and industrial systems; components, operation, losses, metering and load management.

ELEG 467/667-014 MATERIAL PROPERTIES OF MATTER NANOSCALE & APPLICATION

Explores the remarkable properties of matter in the nano-scale and the adaptation of unique characteristics to solve "real world" problems. Investigates preparative and analytical characterization tools of matter at the molecular dimension.

ENTOMOLOGY & WILDLIFE CONSERVATION

ENWC 267-010 FOREST BIOLOGY & DENDROLOGY

Introduction to the identification and silvics of native woody plants of North America with an emphasis on species native to the Eastern United States.

ENWC 467/667-010 CONSERVATION BIOLOGY

Addresses issues related to the conservation of biological diversity. Includes defining biodiversity, identifying global biodiversity hotspots, macroevolution, population viability analysis, species reintroductions, current and historic extinctions, and reserve design.

ENWC 467/667-012L MEDICAL & VETERINARY ENTOMOLOGY LAB

Encompasses complex vector/pathogen interactions, microscopic identification of major vectors, and field vector surveillance methods. Models disease cycles in laboratory animals and mosquito vectors to better understand vectorborne diseases. Includes two field trips on vector surveillance/control.

FINANCE

FINC 467/667-050 CFA PREPARATORY LAB

Prepares interested students to take Level I of the Chartered Financial Analysts' examination by exposing them to a preparatory structure which emphasizes a schedule of material study, note taking and continuous review, and sample exam taking.

FINC 867-050 PRIVATE EQUITY & VENTURE FINANCING

Investigates the legal, accounting, and financial issues surrounding the establishment and funding of a new or existing business using private equity. Emphasis on equity transactions and private placements. Prereq: ACCT800 or equivalent, FINC850.

FINC 867-051 SMALL FIRM FINANCE BANKING & FINANCE

Explores the similarities and differences between large and small companies and the challenges faced by management. Emphasis on obtaining financing. Includes the various organization forms, business life cycle and risks posed by each, the concept, risks and issues of entrepreneurship, sources of funding, financial structures and dealing with working capital issues and generational concerns. Prereq: ACCT800 or equivalent, FINC850.

FOREIGN LITERATURES & LANGUAGES

FLLT 327-010,080 RUSSIAN LITERATURE AND REVOLUTION

Exploration of the impact of the 1917 revolution and its aftermath on Russian society, as reflected in outstanding literary works from 1917 until the fall of the USSR in 1991. Focus on outstanding texts by non-conformist writers who resisted the Communist Party's efforts to exert absolute control over all aspects of literature. Readings and discussions in English.

FLLT 360-080 FRESHMAN HNRS CLQ: SEDUCTION AND BETRAYAL: FRENCH LITERATURE ON PAGE AND SCREEN

Includes three French novels and their various film adaptations. Familiarizes students with classics of French literature, and with the complexities of adapting novels to the screen. Can films really "betray" the novels that they adapt?

GEOGRAPHY

GEOG 467/667-010 WATERSHED ECOLOGY

Introduces and examines key biogeochemical processes and functional ecology of terrestrial ecosystems. Emphasis on the examination of peer-reviewed scientific literature. Includes processes of atmospheric washout and dry deposition, rock weathering, leaching from plant canopies, and nutrient uptake.

GEOG 667-011 GEOGRAPHIC INFORMATION SYSTEMS AND SCIENCE

Introduces the field of Geographic Information Science, the body of knowledge behind which the GIS software tools are based, and provides hands-on training in the use of a geographic information software system. Emphasis on using "real" world data such as census, DEMs, soils, landuse/landcover datasets and the steps necessary in using GIS to solve geographical problems.

GEOG 667-012 ADVANCES IN CLIMATE DYNAMICS

Seminar-style survey of recent publications in global climate modeling, intended to fill topical gaps from GEOG 657. Exact topics and papers to be determined. Prereq: GEOG 657.

GEOLOGY

GEOL 467/667-010 TROPICAL MARINE GEOLOGY

Examination of the origin, distribution and transport of modern tropical carbonate sediments and their use in the interpretation of ancient settings. Special emphasis on facies models for carbonate systems and the environmental factors that influence the development of carbonate systems.

GEOL 667-012 GEOLOGY SEMINAR

The Department of Geological Sciences weekly seminar series. Varied topics presented by invited guest speakers.

GERMAN

GRMN 455/655-010 BERLIN AND VIENNA IN LITERATURE & FILM

Fast paced Berlin and Vienna, two very different cities, both of them cultural and political centers of once grand empires and then republics. Exciting films and narratives provide the basis for understanding their image then and now.

HISTORY

HIST 268-015 CONSUMERISM AND AMERICAN HISTORY, 1880-1980

Examines how this economic and cultural system has evolved since 1880. Readings focus on such themes as: shopping; subcultures and alternative styles; marketing; environmental and social critiques of consumption. Requires a final research paper using local archival sources.

HIST/WOMS 367-010 HISTORY OF SEXUALITY IN THE US

Surveys major themes in the history of sexual behaviors, identities, and desires in the U.S. Includes marital sexuality/heterosexuality, abortion and contraception, sexual violence, prostitution, same-sex desires and queer identities, sexual revolutions and counter-revolutions, sexual science, and trans-sexuality.

HIST 367-011 MODERN US BUSINESS HISTORY

Examines the ways in which business and business leaders have played a central role in American life. Explores the development of America's consumer culture, American business abroad, the role of foreign business activities in the U.S., and how McDonalds, Disney, and the Mall came to be our ubiquitous national symbols.

HIST 367-012 THE HISTORY OF LOS ANGELES

The history of Los Angeles magnifies phenomena that have transformed the country in the twentieth century. Explores themes; suburbanization, immigration, neo-Conservatism, the film and television industries, racial conflagration, etc- through readings, lectures and films.

HIST 367-013 BRITAIN, 1714-1870

Explores British political, social and cultural history in an era that saw the development of parliamentary democracy, the first industrial revolution, the American and French revolutions, the establishment of British power in India, and the birth of modern conservatism, liberalism, radicalism and feminism.

HIST 367-014 COLONIAL DELAWARE

Development of Delaware since the Dutch and Swedish settlements in the early 1600s. Examines consequences of the English conquest of 1664 and Delaware's development as an English colony until 1760. Focus on social, economic, and political development throughout the era in the context of Delaware's location between the mid-Atlantic and Chesapeake worlds.

HIST 367-440 AMERICAN INDIAN HISTORY

Explores social, cultural, military, and economic relations between American Indian tribes and the U.S. government and non-Indian peoples since the American Revolution. Focuses on the persistence and transformation of tribal America.

HIST 411-010 MARRIAGE IN AMERICAN HISTORY

Explores changing ideas about what marriage "means" as both a public and a private institution. Special attention to legal battles over who may marry whom (i.e., interracial, interfaith, and same-sex marriage), popular representations versus personal experiences of marriage, and debates over marital rights and obligations. Prereq: HIST268.

HIST 467-010 INVASION OF AMERICA

Reading seminar devoted to exploring the experiences of Native Americans in the present-day United States and Canada from the sixteenth century to the Indian Removal of the 1830s. Prereq: HIST268.

HIST 467-011 CARIBBEAN SOCIETY AND ECONOMY DURING SLAVERY

Examines the establishment and operation of the plantation economy and the evolution of creole society in the Caribbean during slavery. Emphasizes staple production and the development of the informal slave economy. Includes urban and rural slavery, the structure of slave society, creole culture, mechanisms of social control and slave resistance. Prereq: HIST268.

INDIVIDUAL & FAMILY STUDIES

IFST/UAPP 667-012 LEADERSHIP FOR VULNERABLE POPULATIONS

Focuses on the programmatic, ethical and leadership issues when leading and managing both public and not for profit organizations supporting vulnerable populations, particularly adults with developmental disabilities and the elderly.

LIBERAL STUDIES

MALS 667-010 THE ART OF ORAL HISTORY

Use of oral history is rapidly expanding in both academic and non-academic circles as a valuable tool for understanding the past, and to appreciate the influence of the past on the present. This class will train students how to conduct and interpret oral interviews.

MALS 667-011 NATIONAL EPICS

Focuses on national epics, those classic works considered to best represent their countries of origin. Each week students will read and discuss an epic, while considering the relationship between epic and national character.

MALS 667-410 CULTURE OF 1960'S: STDS IN LITERATURE, HIST & LAW

Focuses on major 1960's authors, e.g., Heller, Ginsburg, Plath, Lowell, Kesey, Mailer, Walker. Studies the literature in the context of the Vietnam War, Civil Rights movement, and important Supreme Court decisions.

MALS 667-430 VICTORIAN DELAWARE

Examines the rich social, cultural, and political history of 19th century Delaware. Studies architecture, family life, women's roles, business, consumerism, religion, and politics.

MARINE STUDIES

MAST 667-011 MARINE ENVIRONMENTAL GENOMICS

Introduction into the application of genomic level research and the development of bioinformatics tools in marine science.

MATHEMATICS

MATH 824-010 THE ART OF MATHEMATICS

Focuses on construction of mathematical models, their analysis, and comparison with experiment. Learn modeling principles and use the MEC lab to obtain experimental experience. Mathematical tools include nonlinear dynamics, calculus of variations, elements of graph theory. Experimental systems include collapsing soap bubbles, toppling dominoes.

MEDICAL TECHNOLOGY

MEDT 367 010 INTRODUCTION TO GENETICS & MOLECULAR DIAGNOSTICS

Studies genetics, molecular biology principles and techniques as they apply to the clinical laboratory for use in diagnosis, prognosis and treatment of disease. Includes Mendelian genetics, principles of DNA, RNA, and proteins, and the use of molecular techniques in diagnosis.

MECHANICAL ENGINEERING

MEEG 467/667-010/MAST467/667-010 INTRODUCTION TO GEOPHYSICAL FLUID DYNAMICS

Kinematics, dynamics and thermodynamics of rotating stratified fluids. Applications to atmospheric and oceanic flows. Includes Rossby, topographic, and edge waves; planetary boundary layers; and other selected special topics. Prereq: MEEG331 or CIEG305 or permission of instructor.

MEEG 467/667-011 MATERIALOGRAPHY

Structure/processing/property relations of typical engineering and other materials as determined by macro-and microstructures. Optical microscopy: reflected, transmitted and polarized light. Preparation of metals, ceramics, polymers, and composites for microscopic examination. Quantitative microscopy. Optical microscopy in failure analysis.

MATERIAL SCIENCE ENGINEERING

MSEG 667-010 SUSTAINABILITY & ENERGY

Examines the energy infrastructure from collection through conversion, storage, and delivery, up to end-use to evaluate the sustainability of a particular source of energy. Analyzes petroleum, solar, and hydrogen sources. Includes problem based learning.

PHILOSOPHY

PHIL 465-010,080 LIABILITY IN LAW AND WAR

Explores moral and legal liability and their relevance to justifications for killing in war.

PLANT SCIENCE

PLSC 167-010 LANDSCAPE SKETCHING

Field sketching and computer modeling (SketchUp) of landscape subjects. Emphasis on techniques, style and creativity. Media; pencil: pastels; watercolor and markers.

PLSC 267-010 HISTORY OF LANDSCAPE DESIGN

Overview of the history of landscape design through the modern and post modern eras.

PLSC 367-010 CAD FOR LANDSCAPE DESIGN

Application of computer assisted drafting (CAD) and 3-D modeling programs useful to the landscape industry.

PLSC 467/667-010 WEED SCIENCE: PRINCIPLES & APPLICATIONS

Introduction to weed science, focusing on applied weed management strategies. Includes knowledge about weeds, herbicide application techniques, background on tillage and cultural control methods, plant and soil system interactions with weeds, and the importance of biotechnology in weed management.

PLSC 667-011 WEATHERING SYSTEM

Physical, chemical, and biological processes that combine to lead to the disintegration of rocks, formation of soils and generation of sediments and solutes. Weathering as a process that shapes morphology, geochemistry, and inorganic nutrient cycling in terrestrial ecosystems. Combines lectures by instructor and seminars led by students.

PLSC 667-012 ENVIRONMENTAL VIROLOGY

In depth consideration of viruses as they occur in natural environments. Includes basic biology of bacterial viruses; their importance as model systems; occurrence and detection of pathogenic viruses in natural environments; and the role of viruses within microbial communities.

SOCIOLOGY

SOCI 267-010 SOCIOLOGY OF POPULAR CULTURE

Examines the production, consumption, and content of popular culture. Examines popular culture's affect on identity formation.

SOCI 467-010 DISASTERS, VULNERABILITY AND DEVELOPMENT

Examines social, geographical, and cultural factors that put people at risk before, during, and after disasters. Focuses on global, national, regional, and local patterns of development. Special focus on Indian Ocean Tsunami and Hurricane Katrina. Includes group video project. Technology experience not required.

SOCI 667-010 RACE AND CRIME

Introduction to literature on racial inequality, crime, and the criminal justice process. Analysis of competing theoretical explanations for interracial differences in crime rates and racial patterns in the apprehension, adjudication, and punishment of offenders. How media and political discourse reinforces racialized understandings of crime, offenders, victims, and criminal justice actors.

SOCI 667-011 DISASTER RESEARCH

General survey of social causes and consequences of disasters. Broad understanding of social aspects of disaster research. Emphasis on disasters in a U.S. context and some cross-national studies. Participate in weekly discussion of assigned materials and write short papers on assigned topics.

SPANISH

SPAN 875-011 20TH CENTURY LATIN AMERICAN NARRATIVE

Studies major authors, themes, and literary currents in contemporary Spanish American literature. Emphasis on literary structure, techniques, and style; themes; and historical and political context. Includes novels by Miguel Angel Asturias, Alejo Carpentier, Gabriel García Márquez, and Tomás Eloy Martínez, and short stories by Julio Cortázar, and Jorge Luis Borges.

SPAN 875-051 LATIN AMERICAN POETRY

Covers writers from the anthology "These are not Sweet Girls: Latin American Women Poets," as well as visual poetry, and poetry covering major poets from Latin America. Students gain understanding of how poets combine research and personal experience to create a poem, then students create their own work.

THEATER

THEA 267-410 INTRODUCTION TO FILM ACTING

Examines film acting from a film critic's perspective. Showcases various aspects of the craft and includes supplementary commentary from the instructor's own extensive knowledge (gained through years of interviewing actors and directors themselves). Recognizes and analyzes Aristotle's six elements of drama (plot, character, theme, diction, tempo-rhythm, and spectacle).

THEA 367-010 CAD AND COMPUTER APPLICATION IN THEATRE PRODUCTION

Examines various ways of applying computer technology to the production of live theatre. Emphasizes CAD and graphic software in addition to Power Point, spreadsheets, databases, and the World Wide Web. Prereq: THEA200 or THEA202.

URBAN AFFAIRS & PUBLIC POLICY

UAPP 667-010 ENTERPRISE SYSTEMS FOR PUBLIC & NON-PROFIT ORGANIZATIONS

Focused on the managerial and policy aspects of creating and managing modern information technology enabled public and non-profit sector organizations through the use of information systems. Introduces the basics of enterprise-wide software solutions and the methods for evaluating the return on investment and risks.

UAPP 667-011 QUALITATIVE METH FOR POLICY ANALYSIS

Introduction to qualitative research methods within the context of analyzing public policy. Covers how to conceptualize a research problem, design and conduct a small-scale interpretive policy study through collecting data, applying basic qualitative analytic procedures, and interpreting findings.

UAPP 667-013 CAPITAL BUDGETING

Rationale and process for capital budgeting in the public and non profit sectors including capital improvement programming and prioritizing capital projects. Introduction to the development of a capital financing strategy including both pay-as-go and debt financing.

UAPP 667 014 DEBT MANAGEMENT

Focuses on debt management in the public and non profit sectors as a method for financing capital projects. Includes various types of debt, bond ratings, planning and structuring debt as well as pricing and selling both tax exempt and taxable debt.

UAPP 667-015 INTRODUCTION TO PROCUREMENT

Focuses on the basics of procurement and its relationship to both the financial management and executive management functions in public and non profit agencies. Includes the legal aspects of procurement, developing specifications, securing competition, the competitive bidding process, alternatives to competitive bidding and contract administration.

UAPP 667-016 URBAN POLICIES/PLANNING-EUROPEAN AND US

Focuses mainly on Great Britain, the Netherlands and Germany in comparison to the United States. Covers policies, programs/planning approaches to city center development, neighborhood revitalization, affordable housing, and urban services within the frame of the respective national planning system and administrative structure.