

## **Graduate Council Report**

**December 5, 2013**

### **New Course Requests**

**AGEC 639.** Comparative Global Standards in Food Systems. (3-0). Credit 3. Laws, regulations and standards governing the production, distribution, processing, and marketing of food across regions of the world; international standard setting bodies and risk assessment committees; regulatory equivalency and harmonization; product approval procedures; cost/benefits of global standards and trade agreements. Cross-listed with SCSC 635.

**ANTH 608.** Skills in Maritime Archaeology. (3-0). Credit 3. Themes and tools of maritime archaeology. Topics covered include remote sensing and mapping as well as interpreting, recording, and storing data used in maritime archaeological surveys. Prerequisite(s): Graduate classification; Approval of instructor.

**CVEN 612.** Tools for Highway Materials and Pavement Design. (3-0). Credit 3. Theory and practice in pavement design; pavement performance; structural design of pavement layers; types of materials used in pavement layers; characterization of pavement layer materials concepts of pavement management; hands-on application of pavement design computational tools. Prerequisite(s): Graduate classification in civil engineering or approval of instructor.

**ECEN 764.** Medical Imaging. (3-2). Credit 4. Physics and signals in medical imaging systems; focus on magnetic resonance imaging, x-ray computer tomography, ultrasonography, nuclear medicine imaging, and optical imaging; includes system architecture, source generation, energy-tissue interaction, image formation and clinical examples. Prerequisite(s): ECEN 314 or equivalents, or approval by the instructor.

**ECON 675.** Capstone for Financial Economics/Financial Econometrics. (3-0). Credit 3. Students integrate the knowledge they have gathered in their coursework, including micro- and macro-economics, financial economics, econometrics, forecasting, and other analytical tools; culminates in the production of major group research paper, utilizing professional literature, both printed and electronic, and published data. Prerequisite(s): Graduate level; 2 year Master's student enrolled in the Master's program in the Department of Economics.

**HISP 668.** Modern Latin American Poetry from 1850-2010. (3-0). Credit 3. Study of poetry in Latin America between 1850 and 2010 with particular emphasis on "poesía gauchesca", Romanticism, Modernism and avant-garde, along with neobaroque, barroco, language poetry, and cybertextual poetry. Prerequisite(s): Graduate classification.

**NUEN 640.** Severe Accident Analysis of Nuclear Facilities. (3-0). Credit 3. Severe accident phenomena from initial fuel heat up to the source term; complexity of accident progression and safety issues; severe accident codes with respect to the modeling philosophy, techniques, assumptions and limitations; development of skills in analysis methodologies/techniques. Prerequisite(s): Graduate classification in the college of engineering or approval of instructor.

**PETE 658.** Energy and Sustainability. (3-0). Credit 3. Overview of energy resources and use with emphasis on long-term sustainability; considers fossil, nuclear, and alternative energy sources, electricity and transportation, energy conversions, energy efficiency, energy security, energy policy, and environmental impact. Prerequisite(s): Graduate classification.

**PHIL 624.** Latin American Philosophy. (3-0). Credit 3. Students will read and examine the philosophical writings of some of the most important Latino/as (or Hispanic) contributors to the history of philosophy. Prerequisite(s): None.

**PLPA 604.** Plant Bacterial Diseases. (1-0). Credit 1. Bacterial diseases of fruit and vegetable crops, field crops and ornamental plants; structure and function of plant pathogenic bacteria; dissemination of bacterial pathogens and methods of control. Prerequisite(s): Introduction to Plant Pathology PLPA 301/601.

**PLPA 605.** Molecular Plant Virology. (1-0). Credit 1. Focus on biology and molecular genetics of plant viruses; historical information and recent developments discussed to illustrate how viruses establish an infection; control measures presented; uses as tools in biotechnology. Prerequisite(s): PLPA 301/601.

**PLPA 606.** Fungal Biology. (1-0). Credit 1. Morphological and molecular systematic survey of kingdom of Fungi; emphasis on modern concepts and disease control. Prerequisite(s): PLPA 301/601.

**PLPA 607.** Pathogen Strategies. (1-0). Credit 1. Molecular mechanisms that pathogens use of overcome innate immunity of the host plant; molecular events associated with the disease cycles of pathogens; pathogen-host-coevolution; pathogen virulence factors; pathogen countermeasures to plant defense mechanisms. Prerequisite(s): PLPA 301/601.

**PLPA 608.** Pathogen Perception and Signaling. (1-0). Credit 1. Molecular and biochemical basis of pathogen recognition; pathogen signaling initiation and transduction in hosts. Prerequisite(s): PLPA 301/601.

**PLPA 609.** Defense Hormone Signals. (1-0). Credit 1. Molecular and biochemical mechanisms of plant hormone-mediated defense responses to pathogen invasion; major classes of defense-related proteins, phytoalexins and antibacterial secondary metabolites and signal transduction pathways. Prerequisite(s): PLPA 301/601.

**PSAA 619.** Urban Policy and Management. (3-0). Credit 3. Overview of U.S. urban policy, management and institutions; theory and research on governmental functions and policies; exposure to actual policymakers and jurisdictions; for students who anticipate careers in regional or local levels of U.S. government. Prerequisite(s): Graduate classification only; PSAA 601, PSAA 611 or approval of instructor or department head.

**SEFB 630.** Practicum in Applied Behavior Analysis. (0-9). Credit 3. University-supervised experience related to specializations in special education and behavior analysis. Prerequisite(s): Graduate classification; SEFB 618; approval of department head.

**SEFB 631.** Intensive Practicum in Applied Behavior Analysis. (0-9). Credit 3. University-supervised intensive experience related to specializations in special education and behavior analysis. Prerequisite(s): Graduate classification; SEFB 618; approval of department head.

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**Course Change Requests**

**CVEN 601: Environmental Engineering Processes III**

**PREREQUISITE(S):**

**FROM:** CHEN 222; CVEN 301

**TO:** CVEN 301

**CVEN 620: Environmental Engineering Processes II**

**PREREQUISITE(S):**

**FROM:** CVEN 301; course in organic chemistry

**TO:** CVEN 301

**ECEN 681: Seminar**

**PREREQUISITE(S):**

**FROM:** May not be taken for credit more than once in master's degree program nor twice in PhD program. Graduate classification in electrical engineering.

**TO:** May be taken for credit up to four times. Graduate classification in electrical and computer engineering.

**WITHDRAWAL (REASON):**

Changed requirements

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** 681. Seminar. (1-0). Credit 1. Reports and discussion of current research and of selected published technical articles. May not be taken for credit more than once in master's degree program nor twice in PhD program. Prerequisite: Graduate classification in electrical engineering.

**TO:** 681. Seminar. (1-0). Credit 1. Reports and discussion of current research and of selected published technical articles. May be taken for credit up to four times. Prerequisite: Graduate classification in electrical and computer engineering.

**ENGL 697: Pedagogy**

**PREREQUISITE(S):**

**FROM:** Approval of Instructor

**TO:** None

### **HISP 600: Introduction to Hispanic Studies**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Introduction to Hispanic Studies. (3-0). Credit 3. Examination from an interdisciplinary perspective of the cultural history of the Hispanic world, with particular emphasis on what the different disciplinary approaches reveal about literature, language, historical development and socioeconomic issues.

**TO:** Introduction to Hispanic Studies. (3-0). Credit 3. Interdisciplinary review of linguistic, literary, theoretical, cultural, historical and socio-economic issues of the Hispanic world; study of the mechanics and ethics of scholarly procedure and bibliographical guidance on original research; Spanish-language writing practicum.

### **HISP 601: Research Theory and Writing**

#### **WITHDRAWAL (REASON):**

The contents of this course have now been incorporated to the syllabus of HISP 601, Introduction to Hispanic Studies.

### **HISP 606: Spanish in the United States**

#### **PREREQUISITE(S):**

**FROM:** Graduate classification and proficiency in Spanish

**TO:** Graduate classification

### **HISP 607: Seminar in Spanish Linguistics**

#### **PREREQUISITE(S):**

**FROM:** HISP 602 or approval of instructor

**TO:** Graduate classification

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Seminar in Spanish Linguistics. (3-0). Credit 3. Intensive investigation of an issue important to understanding historical linguistics, dialectology, sociolinguistics, developments in theoretical and applied linguistics. May be repeated for credit as content varies.

**TO:** Seminar in Spanish Linguistics. (3-0). Credit 3. Intensive investigation of an issue important to understanding historical linguistics, dialectology, sociolinguistics, developments in theoretical and applied linguistics. May be taken three times for credit as content varies.

### **HISP 614: Spanish Dialectology**

#### **PREREQUISITE(S):**

**FROM:** Graduate classification and proficiency in Spanish

**TO:** Graduate classification

**HISP 618: Hispanic Folklore and Popular Culture**

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Hispanic Folklore and Popular Culture. (3-0). Credit 3. An examination of popular literature and other cultural forms in the Hispanic world. Students will learn to appreciate, and compare written and oral traditional formats and acquire methods of analyzing language and cultural artifacts that reflect recent research trends.

**TO:** Hispanic Traditional and Popular Culture and Religion. (3-0). Credit 3. Examination of traditional and popular cultural forms in the Hispanic world, including legends and proverbs, religious beliefs and practices, music and dance, film and media production; comparison, appreciation, and evaluation of written, visual and oral formats; application of current research methods to the analysis of cultural artifacts.

**HISP 620: Studies in Critical Theory**

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Studies in Critical Theory. (3-0). Credit 3. Examination of the development of theories of literary criticism and their application to the study of literary texts.

**TO:** Studies in Critical Theory. (3-0). Credit 3. Comprehensive examination of theories of criticism and their application to the study of literature and culture.

**HISP 630: Latin American Literature**

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Studies in Latin American Literature. (3-0). Credit 3. Possible topics include colonial literature, the chronicles, Romanticism, Modernism, contemporary trends in the Latin American novel, the novel of the Mexican Revolution, Rubén Darío, contemporary Argentine fiction, the literature of the revolution in Latin America, Afro-Hispanic literature, Hispanic Caribbean literature. May be taken three times for credit.

**TO:** Seminar in Latin American Literature. (3-0). Credit 3. Study of the literary production of Latin America from colonial times to the present; topics may include colonial literature, Romanticism, Modernism, the novel of the Mexican Revolution, contemporary trends in the Latin American novel, Afro-Hispanic literature, Hispanic Caribbean literature. May be taken 3 times for credit.

**HISP 640: History of Ideas in the Hispanic World**

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** History of Ideas in the Hispanic World. (3-0). Credit 3. Intensive study of cultural and ideological currents, especially as they are reflected in the works of essayists and other writers. Possible topics include Spain and European culture, European thought in Latin America, the Renaissance in Spanish Literature and social life, Spain and the Western tradition, the search for national identity in Mexico, U.S. Hispanic nationalism.

**TO:** Seminar in History of Ideas in the Hispanic World. (3-0). Credit 3. Study of cultural and ideological currents, as reflected in Spanish literature; topics may include Spain and European culture, European thought in Latin America, the Renaissance in Spanish literature and society, Spain and Western tradition, national identity, U.S. Hispanic nationalism. May be taken three times for credit as content varies.

### **HISP 646: Cultural Encounter and Borders, from Baroque to the Present**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Cultural Encounters and Borders, from Baroque to the Present. (3-0). Credit 3. Topics include literature of marginalization in medieval Spain, colonial literature and the chronicles, Modernism, Vanguardism, contemporary trends in the Latin American novel, the novel of the Mexican Revolution, Afro-Hispanic literature, Hispanic Caribbean literature.

**TO:** Seminar in Cultural Encounters and Borders. (3-0). Credit 3. Study of cultural encounters across borders in geography, language, society gender and genre. May be taken three times for credit as content varies.

### **HISP 650: Methods of Study in Spanish Linguistics**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Methods of Study in Spanish Linguistics. (3-0). Credit 3. Examination of various methods of linguistics analysis such as transformational grammar, socio- and psycholinguistics in Spanish

**TO:** Research Methods in Linguistics. (3-0). Credit 3. Examination of various methods of linguistics research and their application to issues in Hispanic linguistics; quantitative data collection (questionnaires, surveys, corpora) and statistical analysis; qualitative methods (ethnographic interviews, focus groups) and discourse analysis; mixed methods and triangulation.

### **HISP 660: Reading and Research in Hispanic Cultural Studies**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Reading and Research in Hispanic Cultural Studies. (3-0). Credit 3. Independent research in specialized subjects not normally or not often included in the regular course offerings. May be taken 3 times for credit as content varies

**TO:** Seminar in Hispanic Cultural Studies. (3-0). Credit 3. Intensive study and research in specialized subjects on cultural studies. May be taken three times for credit as content varies.

### **HISP 664: Hispanic Theatre**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Hispanic Theatre. (3-0). Credit 3. Topics include Golden Age drama and its antecedents, Neo-Classical movement in Spain, regionalized and criollo drama in Latin America, avant-garde and collective creation theatre, Teatro Campesino and Chieano movement drama, Hispanic performance artists.

**TO:** Seminar in Hispanic Theater. (3-0). Credit 3. Study of Peninsular, Latin American, U.S. Hispanic, Afro-Hispanic theater and performance. May be taken three times for credit as content varies.

### **HISP 665: Studies in Spanish Literature**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Studies in Spanish Literature. (3-0). Credit 3. Topics include El Cid, El Arcipreste de Hita, El Romancero, Spanish Renaissance poetry, Golden Age theater, Cervantes, Lope de Vega, Gongora and Gongorismo, eighteenth century essayists, Galdos, the Generation of 98, Romanticism, Miguel de Unamuno, the theater of Garcia Lorea, contemporary Spanish poetry, Spanish literature after Franco.

**TO:** Seminar in Spanish Literature. (3-0). Credit 3. Study of Peninsular literary periods, genres, and authors from medieval to contemporary times. May be taken three times for credit as content varies.

### **HISP 667: Hispanic Genre Studies**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Hispanic Genre Studies. (3-0). Credit 3. Selected topics in the works, authors, characteristics and classifications of a given genre cultivated by Hispanic writers. May be taken 3 times for credit as content varies.

**TO:** Seminar in Hispanic Genre Studies. (3-0). Credit 3. Study of selected topics in the works, characteristics, and classifications of a given genre cultivated by Hispanic writers. May be taken three times for credit as content varies.

### **HISP 670: Studies in U.S. Hispanic Literature**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Studies in U.S. Hispanic Literature. (3-0). Credit 3. Topics include bilingual literature, Nuyorican literature, Cuban American Literature, Chincano literature, the immigrant novel, ethnic autobiography, U.S. Hispanic theater, Chicano theater.

**TO:** Seminar in U.S. Hispanic Literature. (3-0). Credit 3. Study of the literary production of U.S. Hispanic authors; topics may include bilingual literature, Nuyorican literature, Cuban American literature, Chicano literature, the immigrant novel, ethnic autobiography, U.S. Hispanic theater, Chicano theater. May be taken three times for credit as content varies.



### **HISP 672: Hispanic Film and Performance Arts**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Hispanic Film and Performance Arts. (3-0). Credit 3. A theoretical and historical exploration of cinema and performance arts in the Hispanic world. The description and interpretation of films and performance arts such as flamenco and folklore ballet with particular attention to history, ethnology, artistic trends, and tendencies and relationships to other arts.

**TO:** Hispanic Film and Performance Arts. (3-0). Credit 3. Theoretical and historical exploration of cinema and performance arts in the Hispanic world: description and interpretation of films and performance arts such as flamenco and folklore ballet, with particular attention to history, ethnology, artistic trends and tendencies, and relationship to other arts.

### **HISP 685: Directed Studies**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Directed Studies. (4-0). Credit 4. Directed individual study of selected problems in the field of Spanish language of literature.

**TO:** Directed Studies. (4-0). Credit 4. Directed individual study of selected problems in the field of Hispanic linguistics, literature, or culture.

### **HISP 689: Special Topics in**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** (4-0). Credit 4. Selected topics in an identified area of Spanish. May be repeated for credit.

**TO:** (4-0). Credit 4. Selected topics in an identified area of Hispanic linguistics, literature, or culture. May be repeated for credit.

### **HISP 691: Research**

#### **PREREQUISITE(S):**

**FROM:** Twelve hours of advanced courses in Spanish

**TO:** Twelve hours of advanced courses in Hispanic Studies

### **MARS 675: Environmental Management Strategies for Scientists**

#### **COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** Environmental Management Strategies for Scientists. (2-0). Credit 2. The course is designed to provide a scientist with EMS strategies' skill. This includes knowing: what environmental laws may be triggered by activities; the fundamental structure of an EMS; EMS alternatives; concepts in an audit; Alternative Dispute Resolution; and how an effective EMS can reduce costs and increase profits.

Prerequisite: Approval of instructor; graduate status or special approval.

**TO:** Environmental Management Strategies. (2-0). Credit 2. Provides an EMS strategist's skills with focus on international standards, including structure and elements of an EMS, determining how an effective EMS can reduce costs and increase profits, case studies. Prerequisites: approval of instructor or graduate status.

**MARS 620: International Environmental Business Transactions**

**COURSE TITLE AND CATALOG DESCRIPTION:**

**FROM:** International Environmental Business Transactions. (3-0). Credit 3. This course is designed to provide an overview of those laws, regulations, and regimes involved in international environmental business transactions; and to identify those environmental regimes which are triggered when business is conducted internationally. The course includes topics in international law, regional law, and U.S. Federal law. Prerequisite: Approval of instructor; graduate status or special approval.

**TO:** International Environmental Business Ethics. (3-0). Credit 3. Ethical issues that may arise in environmental business transactions; case studies, both real and hypothetical. Prerequisite: Approval of instructor or graduate status.

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**Special Consideration Items**

Proposal for New M.S. in Maritime Archaeology and Conservation

Joint Degree Program with Environmental Geosciences and Oceanography

The 5-Year BS/MS in Economics Degree Proposal

The 5-Year BS/MS in MARA-MMAL

Master of Maritime Administration and Logistics Distance