

Graduate Council Report

February 3, 2012

New course Requests

BIED 618. Early Language and Literacy. (3-0). Credit 3. Investigation of current language and literacy intervention research for young Hispanic/Latino children in preschool through second grade; emphasis on current intervention research target children at risk for reading difficulties in Spanish and/or English. Prerequisite(s): Graduate classification; approval of department head.

BIED 619. Second Language Acquisition in Pre-K-12; Advanced Theory and Practice. (3-0). Credit 3. Examination of theory as a framework for explaining relationships, a research guide; and assumptions that inform practice; review how theory and practice for English only students have attempted to explain second language acquisition in second language learners. Prerequisite(s): Graduate classification; approval of instructor; BIED 611; BIED 612.

BMEN 627. Magnetic Resonance Engineering. (2-3). Credit 3. Design, construction and application of instrumentation for MR imaging; fundamentals of the architecture of an MR spectrometer and the gradient subsystem used for image localization; emphasis on the radiofrequency sensors and systems used for signal generation and reception. Prerequisite(s): BMEN 420; ECEN 410, or ECEN 411, or approval of instructor; Graduate classification

CPSY 636. Psychological Consultation to Organizations. (3-0). Credit 3. Focuses on organizations as the target of analysis, intervention, and change; course draws on established social science concepts and principles; requires the consideration of concepts, intervention strategies, and skills that extend beyond those used in counseling and psychotherapy; highlights consultation as a mode of change agency; considerable attention will be given to putting theory into practice. Prerequisite(s): Graduate classification; approval of department head; approval of instructor

ECEN 763. Magnetic Resonance Engineering. (2-3). Credit 3. Design, construction and application of instrumentation for MR Imaging; fundamentals of the architecture if an MR spectrometer and the gradient subsystem used for image localization; emphasis on the radiofrequency sensors and systems used for signal generation and reception. Prerequisite(s): ECEN 410, or ECEN 411, BMEN 420, or equivalent, or approval of the instructor; Cross-Listed with BMEN 627;

INTA 683. U.S. Border Security: Policies, Strategies and Issues. (3-0). Credit 3. U.S. border security policies, strategies and issues; policies and strategies for homeland defense and security; Mexican and Canadian governments' border policies; southern U.S. border situation and issues; considerations when border land is privately versus federally owned; impact of criminal elements on border security; efforts to secure the U.S. coasts. Prerequisite(s): Graduate classification

PSAA 609. Introduction to Homeland Security. (3-0). Credit 3. Broad, multidisciplinary overview of homeland security as a contemporary subject and an evolving discipline; fundamental issues, strategies, challenges, and interdependencies related to preventing, mitigating, preparing for, responding to,

recovering from and building in resiliency to counter intentional and non-intentional threats to homeland security. Prerequisite(s): Graduate classification

PSAA 650. Social Innovation and Entrepreneurship in Nonprofit Management. (3-0). Credit 3.

Nonprofit management practices and principles related to social entrepreneurship and innovation; research, theories, and practice examples utilized to teach students the principles of designing and implementing a social innovation which can be applied to domestic and international social problems.

Prerequisite(s): Graduate classification, PSAA 634 or PSAA 644 or instructor approval

STAT 638. Introduction to Applied Bayesian Methods. (3-0). Credit 3. Student will learn how uncertainty regarding parameters can be explicitly described as a posterior distribution which blends information from a sampling model and prior distribution. Course will emphasize modeling and computations under the Bayesian paradigm. Topics include: prior distributions, Bayes Theorem, conjugate and non-conjugate models, posterior simulation via the Gibbs sampler and MCMC, hierarchical modeling. Prerequisite(s): STAT 604, STAT 608, STAT 630

VIZA 680. Professional Practice in Visualization. (2-4). Credit 4. Preparation of a portfolio, creating an internet presence, use of social media, interviews, negotiation, business practices, and fundamentals of teaching. Professional practice in pursuit of career paths for the Master of Fine Arts in Visualization.

Prerequisite(s): Graduate standing

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Course Change Requests

ARCH 631. Architectural Structures III

Title:

FROM: Architectural Structures III

TO: Applied Architectural Structures

Prerequisite(s):

FROM:

ARCH 431 or approval of instructor

TO:

Graduate classification or approval of instructor

ARCH 633. Environmental Systems III

Title:

FROM: Environmental Systems III

TO: Applied Architectural Systems

Prerequisites(s):

FROM: ARCH 334

TO: Graduate classification or approval of instructor; ARCH 335 or 615 or equivalents

BIED 682 Seminar in...

FROM: Seminar in...Knowledge, skills and attitudes in special education, counseling, psychological foundations of education and school psychology. Specific topics are announced for each seminar offered. May be taken more than once but not to exceed 6 hours of credit. Prerequisite: Approval of department head.

TO: Seminar in...Knowledge, skills and attitudes in bilingual education. Specific topics are announced for each seminar offered. May be taken more than once but not to exceed 6 hours of credit. Prerequisite: Approval of department head.

CIP codes:

FROM: 4228060004

TO: 1302010004

BIED 683. Field Practicum in....

Description:

FROM: Supervised experience in professional employment settings in educational psychology. Wide range of practical experiences and activities as listed below that are closely supervised by departmental faculty. Repeatable to 15 hours total.

TO: Supervised experience in professional employment settings in bilingual education with research related to current issues; requires a self-initiated proposal, a mid-semester formative report, and an end-of-semester summative report.

CIP Codes:

FROM: 4228060004

TO: 2002010004

BIED 684. Professional Internship...

FROM: Professional Internship – Limited to advanced doctoral students; University directed experience in a professional employment setting; full-time participation and responsibility in experiences related to career specializations in counseling or school psychology. Repeatable to 9 hours total. Prerequisites: Approval of department head six weeks prior to registration; approval of department head.

TO: Professional Internship: Limited to advanced doctoral students; University directed experience in a professional employment setting; full-time participation and responsibility in experiences related to bilingual education. Repeatable to 9 hours total. Prerequisites: Approval of department head six weeks prior to registration; approval of department head.

CIP Codes:

FROM: 4228060004

TO: 1302010004

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Course Withdrawals:

INTA 607. World Cultural Geography

INTA 610. Ethnic and Religious Conflict in Nation Building

INTA 624. Fundamentals of Global Economic Development

INTA 628. International Energy Policy

INTA 649. Transatlantic Relations: Security, Markets and Technology

INTA 660. Economic Development in Latin America

PSAA 672. Markets and Government

Graduate Council Report

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Special Consideration Item:

Graduate Council approved the College of Agriculture and Life Sciences Department of Nutrition and Food Science certificate in Space Life Sciences-Addition of Biomedical Engineering

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Special Consideration Item:

Graduate Council approved the Mays Business School proposed revision to the Graduate Certificate in Entrepreneurship.

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February 3, 2012

Special Consideration Item:

The Graduate Council approved Texas A&M University at Galveston, Department of Marine Sciences proposal for a (3+2) 5 year degree program: Ocean and Coastal Resources-Master of Marine Resources Management.

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February 3, 2012

Special Consideration Item:

The Graduate Council approved Texas A&M University at Galveston proposal for a Graduate Degree License Option Programs at Texas A&M University at Galveston.