

Graduate Council Report

March 7, 2013

New Course Requests

BICH 667. Molecular Probes. (1-0). Credit 1. The function of biomolecules in the context of living cells (in cellulo as opposed to in vitro); chemical tools and analytical techniques; application in the investigation of cellular processes; identification of biological problems and design. Prerequisite(s): Graduate Classification.

BUSH 600. Bush School Graduate Study Abroad. Credit 1 to 12. For students in approved study abroad and reciprocal educational exchange programs. Prerequisite(s): Graduate classification in the Bush School; approval of director.

ISEN 650. Healthcare Delivery Systems Modeling and Analysis. (3-0). Credit 3. Challenges in modeling and analysis of healthcare systems; deterministic and stochastic approaches to model and analyze healthcare systems; existing and emerging policies in healthcare and effects on healthcare system models. Prerequisite(s): ISEN 620, ISEN 609, or approval of instructor.

ISYS 645. IT Security Controls. (3-0). Credit 3. Familiarization with planning, design, and implementation of controls to minimize risks to business information; focus on the importance of managing business information security; introduction to the tools/concepts/theories to safeguard an organization's information systems and IT assets; understanding of cryptography and application, operations, and physical security. Prerequisite(s): ISYS 635.

ISYS 655. Security Management and Compliance. (3-0). Credit 3. Familiarization with managerial and legal aspects of business information security; focus on importance of managing business information security and theories to help safeguard an organization's information systems and IT assets; understanding of Security Architecture and Design, Business Continuity and Disaster Recovery Planning, Laws Investigation and Ethics. Prerequisite(s): ISYS 635.

PSAA 613. Immigration and Education Policy. (3-0). Credit 3. Explores contemporary issues and debates in US education policy as it relates to immigrant children and children of immigrants. Examines long-run and current issues that immigrant students face, such as educational assimilation, equity, and access to higher education. Includes readings from the education, economics, and sociology disciplines. Prerequisite(s): Graduate Classification.

SCMT 685. Directed Studies. Credit 1 to 4. Directed study on selected problems using recent developments in business research methods. Prerequisite(s): Approval of instructor and graduate advisor.

SCMT 689. Special Topics in... Credit 1 to 4. Selected topics in identified areas of operations and supply chain management.

WFSC 605. Community Ecology. (3-0). Credit 3. Overview and in-depth knowledge of community ecology; historical development. Current issues, methodologies, and practical applications in natural resource management, biological conservation, agriculture, and human health. Practice critical thinking, communication skills, and professionalism. Prerequisite(s): Graduate classification.

WFSC 649. Principles of Fisheries Management. (3-3). Credit 4. Basic knowledge of ichthyology, biology of fishes and limnology related to applied aspects of freshwater and marine fishery science; Management techniques applicable to streams, ponds, reservoirs, estuaries and the oceans. Prerequisite(s): Graduate classification. Stacked with WFSC 410.

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Course Change Requests

NUEN 618: Multiphysics Computations in Nuclear Science & Engineering

PREREQUISITE(S):

FROM: MATH 609 & NUEN 602

TO: MATH 609 & NUEN 606

CREDIT HOURS:

FROM: Lecture: 2, Lab: 2, SCH: 3

TO: Lecture: 3, Lab: 0, SCH: 3

PSAA 617: State and Local Government: Institutions and Policy

TITLE:

FROM: State and Local Government: Institutions and Policy

TO: U.S. State and Local Government: Institutions and Policy

Course Description:

FROM: Professional masters students gain a practical, working knowledge of the institutions and processes through which state and local policy is made and implemented. Students also learn about and apply the theoretical and empirical tools used to evaluate policy at the state and local levels.

Prerequisite: Graduate classification.

TO: Professional masters students gain a practical, working knowledge of the institutions and processes through which U.S. state and local policy is made and implemented. Students also learn about and apply the theoretical and empirical tools used to evaluate policy at the U.S. state and local levels.

Prerequisite: Graduate classification.

PSAA 661: Public Personnel Administration

PREREQUISITE(S):

FROM: Graduate classification and approval of MPSA and MPIA director.

TO: Graduate classification.

TITLE:

FROM: Public Personnel Administration

TO: Human Resources Management in Government and Public Service

VIZA 630: Contemporary Art Studio/Seminar I

PREREQUISITE(S):

FROM: MFA in Visualization or approval of instructor; graduate classification.

TO: MFA or MS in Visualization status or approval of instructor; graduate classification.

VIZA 631: Contemporary Art Studio/Seminar II

PREREQUISITE(S):

FROM: MFA in Visualization or approval of instructor; graduate classification.

TO: MFA or MS in Visualization status and VIZA 630 or approval of instructor; graduate classification.

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Special Consideration Item

The Department of Information and Operations Management in the Mays Business School requests that their graduate courses carry the newly approved ISYS and SCMT prefixes.