

Graduate Curriculum Committee
Meeting Agenda

Grinter Hall
Room 118

Friday
4/9/2010
9:00-10:00

I. Approval of the Minutes from the 03/04/2010 Graduate Curriculum Committee Meeting.

II. Update to the Committee: The following proposal has been presented to the Graduate Curriculum Committee (GCC) previously. The GCC felt further follow-up and clarifications were necessary before this proposal could move forward to the University Curriculum Committee. Suggestions and/or follow-up required are noted below.

PHA 6XXX

Prevention of Pharmaceutical Crimes

Link to proposal: <https://approval.ufl.edu/requests/4461>

This course proposal was recycled to the department for clarifications. From the syllabus and the course description, it was unclear to the Committee who are the perpetrators of these crimes. Are pharmaceuticals being used by pharmacists, healthcare providers, or patients/non-professionals? Additionally, the Committee recommends a change to the title, as it reads now like a "how-to" commit these crimes. Clarifications have now been received and this proposal is being presented again to the Graduate Curriculum Committee for their review.

Course description: Introduces the student to the current legal environment associated with criminal conduct related to the use of pharmaceutical products and strategies for reducing the risk that pharmaceutical products will be used to intentionally harm a person as the instrumentality of a criminal act, including actions by a health care provider that can be considered criminal and outside the practice of health care.

III. Course Change Proposals (UCC2s): The following proposals are newly requested changes to existing courses already within the current curriculum inventory. Requested changes are indicated below each proposal.

1. QMB 7933

Seminar in Decision and Information Sciences to

Seminar in Information Systems and Operations Management

Link to proposal: <https://approval.ufl.edu/requests/5239>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/DIS01.htm>

Requested title change.

2. QMB 7931

Special Topics in Decision and Information Sciences to

Special Topics in Information Systems and Operations Management

Link to proposal: <https://approval.ufl.edu/requests/5238>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/DIS01.htm>

Requested title change.

3. GMS 6822

Measuring and Analyzing Health Outcomes II

Link to proposal: <https://approval.ufl.edu/requests/5315>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/GMS01.htm>

Change in amount of credit and contact hour base from 2 to 3.

4. EDE 7935

Seminar in Elementary Education to

Seminar in Curriculum and Instruction

Link to proposal: <https://approval.ufl.edu/requests/5310>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/ISC01.htm>

Requested change to course title and removal of the prerequisite EDE 6948.

5. EMA 6808

Analyses and Optimization Methodologies in Materials Research

Link to proposal: <https://approval.ufl.edu/requests/5144>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/MTL01.htm>

Requested change to prerequisite.

6. BME 5703

Computational Methods for Biomedical Engineers to

Statistical Methods for Biomedical Engineering

Link to proposal: <https://approval.ufl.edu/requests/5235>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/BME01.htm>

Requested change to course title.

7. EGM 6342

Numerical Methods of Engineering Analysis II to

Fundamentals of Computational Fluid Dynamics

Link to proposal: <https://approval.ufl.edu/requests/5246>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/ME01.htm>

Requested change to prerequisites, course title, and course description.

8. PHA 6250

The Patient in the Drug Use Process to

Patient Responsibility in Healthcare

Link to proposal: <https://approval.ufl.edu/requests/5282>

Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/PHC01.htm>

Requested change to course title and course description.

IV. New Course Proposals (UCC1s): The following are newly requested course proposals. Proposed course titles and descriptions are listed here.

1. EML 6XXX

Optimal Estimation

Link to proposal: <https://approval.ufl.edu/requests/5242>

Course description Mathematical basis of parameter and state estimation methods with applications to mechanical and aerospace systems.

2. PHA 6XXX

Research Ethics

Link to proposal: <https://approval.ufl.edu/requests/5332>

Course description: Introduce the student to the ethical issues that must be addressed in clinical research with human subjects. It will include an introduction to the primary theories and methods of ethical reflection and analysis, the conceptual distinctions and continuities between ethical and legal / policy questions, and illustrate the background to current issues with selected cases from the history of human subjects research.

3. PHA 6XXX

Evidentiary Basis of Pharmaceutical Use

Link to proposal: <https://approval.ufl.edu/requests/5283>

Course Description: The overall goal of the course is to familiarize students with methods and tools to evaluate the medical literature. Students will be exposed to an array of study designs and analytic methods. In clinical cases, students evaluate strengths and weaknesses of the published literature and use evidence to support their recommendations about the appropriate use of pharmaceuticals.

4. ARC 6XXX

Vernacular Architecture and Sustainability

Link to proposal: <https://approval.ufl.edu/requests/5269>

Course Description: Investigation of vernacular architecture in the discourse of architectural sustainability, with an emphasis on the way that vernacular architecture has been constructed, represented, and consumed in the environmental histories of architecture.

5. ARC 6XXX

Film and Architecture

Link to proposal: <https://approval.ufl.edu/requests/5267>

Course Description: Survey of the representation of architecture and urbanism in cinema and an investigation of how discourses of cinema construct urbanism and architecture.

6. PHC 6XXX

Public Health Issues of Mothers and Children

Link to proposal: <https://approval.ufl.edu/requests/5308>

Course Description: Maternal and child health problems, specific local, state, and federal programs and policies, health and health care access disparities. Emphasis on importance of evidenced-based public health practice.

7. PHC 6XXX

Public Health Law and Ethics

Link to proposal: <https://approval.ufl.edu/requests/5307>

Course Description: Case study approach to legal foundations of American public health system and legal and ethical issues that arise from balancing individual liberties with the government's interest in protecting all citizens' well being.

8. PHC 6XXX

Systems Thinking for Public Health

Link to proposal: <https://approval.ufl.edu/requests/5306>

Course Description: Conceptual and empirical tools for understanding and managing complex organizations and interacting with other large systems that impact public health. Simulated work experiences show intended and unintended consequences of interventions in complex systems.

9. PHC 6XXX

Public Health Biology

Link to proposal: <https://approval.ufl.edu/requests/5305>

Course Description: Biological basis of public health issues. Covers background material in biology, chemistry, biochemistry, molecular biology, genetics, and immunology to allow students to understand biological mechanisms of disease prevention and progression at a molecular level. Emphasis on infectious diseases, genetics illnesses, cancer, environmental illnesses, and vaccines.

10. EDG 7XXX

Practitioner Research: Theory and Practice

Link to proposal: <https://approval.ufl.edu/requests/5130>

Course Description: Doctoral Students will develop a strong theoretical understanding of the purposes of practitioner inquiry and be able to translate this knowledge into practice as scholars of the practitioner research movement as well as facilitators of the process in all educational settings.

11. PHA 6XXX

Patient Safety Program Evaluation

Link to proposal: <https://approval.ufl.edu/requests/5285>

Course Description: Methodologies through which patient safety data are collected and evaluated. The use of existing databases on patient safety will be examined. The course includes design of a patient safety study, the evaluation of data, and the use of results from program evaluation to implement improvements to ongoing programs.

12. PHA 6XXX

Practices and Procedures of the IRB

Link to proposal: <https://approval.ufl.edu/requests/5286>

Course Description: The nuts and bolts of how Institutional Review Boards operate. Topics discussed include IRB membership, IRB authority, criteria for IRB approval of research or exemption from review, and suspension or termination of IRB approved research. The process of risk/benefit decision making is reviewed. The constituencies served by the IRB are examined. Current issues in IRB practice are discussed. Practical information about the week-to-week management of an IRB is explained.

13. EML 6XXX

Introduction to Nonlinear Control

Link to proposal: <https://approval.ufl.edu/requests/5240>

Course Description: Introduction to nonlinear analysis and control systems theory. Lyapunov-based analysis and design techniques.