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.