Graduate Curriculum Committee Meeting Agenda

Grinter Hall
Room 118

Thursday
3/4/2010
11:00-12:00

I. Approval of the Minutes from the 01/15/2010 Graduate Curriculum Committee Meeting.

II. Updates to the Committee: The following proposals have been presented to the Graduate Curriculum Committee (GCC) previously. The GCC felt further follow-ups or updates were required before these proposals could move forward to the University Curriculum Committee. Suggestions and/or follow-up required are noted below.

1. PHA 6XXX
Introduction to Pharmacology
Link to proposal: https://approval.ufl.edu/requests/4949
This course proposal was conditionally approved by the Graduate Curriculum Committee, pending attachment of appropriate sign-offs. The Committee recommended sign-offs from Medicine, PHHP, and Epidemiology & Health Policy Research, indicating that once these are attached into the approval system or transferred appropriately and noted here, this proposal can be forwarded directly to the University Curriculum Committee without further review from the Graduate Curriculum Committee.

2. GMS 6XXX
Simulation and Optimization for Biostatistics
Link to proposal: https://approval.ufl.edu/requests/5016
This new course proposal was conditionally approved by the Graduate Curriculum Committee meeting at their January 15, 2010 meeting. The request was recycled to the department to attach sign-offs from stats and PHHP, to amend the repeatable for credit fields on the UCC1 form, and to amend the syllabus to include an appropriate grading scale.

3. ENV 6XXX
Activated Carbon: Environmental Design and Application
Link to proposal: https://approval.ufl.edu/requests/4469
This new course proposal was recycled to the department for clarifications, indicating the project must be outlined more definitively, with recommendations that attaching a sample of a paper topic may suffice. Furthermore, GCC wants to confirm that this project is actually 100% of the grade, as was originally indicated on the syllabus.

4. PHA 6000
Preclinical Drug Evaluation
Link to proposal: https://approval.ufl.edu/requests/5024
This new course proposal was recycled for an appropriate catalog description in the course description field, indicating the proposal cannot move forward with the note "see attached" in and that the course description should be short and concise, following the traditions of other catalog descriptions, with the request that a syllabus be attached.

This is the new course description provided on the revised form: The development of new drugs requires the understanding of the relationship between the dose, the exposure, the efficacy and the toxicity of the compound. In addition, it requires following the pathway from the interaction to the drug target until the clinical/therapeutic effect. For all these steps the development of specific, sensitive and validated in vitro and in vivo screening assays are important. The course will provide an introduction to the study of preclinical methods used in the screening of important categories of clinically useful drugs. It also encompasses the basic principles of animal experimentation and current advances leading to the use of transgenic animals, combinatorial chemistry, high throughout screening, pharmacogenomics, proteomics and array technology. Methods used for the detection of pharmacological effects of potential drugs on the CNS, CVS, endocrines, respiratory tract and immunomodulation will be described in adequate details. In addition, an introduction is provided how to write effective animal protocols for research.

5. PHA 6000
Scientific Management
Link to proposal: https://approval.ufl.edu/requests/5025
This new course proposal was recycled for an appropriate catalog description in the course description field, indicating the proposal cannot move forward with the note "see attached" in and that the course description should be short and concise, following the traditions of other catalog descriptions, with the request that a syllabus be attached.

This is the new course description provided on the revised form: This class is targeted toward graduate students who are in their first year of graduate school. It is intended to afford the students an opportunity to learn about the expectations, challenges and specific topics useful to their career regardless of their specialization.

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. ABE 5015
Empirical Models of Crop Growth and Yield to *Analytical Models of Crop Growth and Yield*
Link to proposal: https://approval.ufl.edu/requests/4206
Helpful link to current catalog: http://gradschool.ufl.edu/catalog/current-catalog/FOI/ABE01.htm
Requested title change.

2. BME 6502
Theory and Instrumentation for Medical Imaging Acquisition to *Introduction to Medical Imaging*
Link to proposal: https://approval.ufl.edu/requests/4862
Helpful link to current catalog: http://gradschool.ufl.edu/catalog/current-catalog/FOI/BME01.htm
Requested title change and change to course description.

3. DEP 6058
Advanced Developmental Psychology II
Link to proposal: https://approval.ufl.edu/requests/5102
Helpful link to current catalog: http://gradschool.ufl.edu/catalog/current-catalog/FOI/PSY01.htm
Requested change to course description.

4. RTV 6801
Broadcast Station Management to *Telecommunication Management*
Link to proposal: https://approval.ufl.edu/requests/3241
Helpful link to current catalog: http://gradschool.ufl.edu/catalog/current-catalog/FOI/COM01.htm
Requested change to course description and course title.

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

1. PHC 6XXX
Clinical Trials Methods
Link to proposal: https://approval.ufl.edu/requests/4891
Course description: Basic statistical concepts and methods used in clinical trials and the statistical principles and methods including phase I to IV clinical trials.

2. ABE 6XXX
Bioprocess Sterilization Technology
Link to proposal: https://approval.ufl.edu/requests/3702
Course description: Familiarization with processes used to accomplish sterilization in the food and biotechnology industries, including thermal treatments for sterilization and pasteurization, along with ionizing radiation, chemical gas treatments, high hydrostatic pressure, pulsed electric fields and radio frequency waves.

3. ESI 6XXX
Fundamentals of Mathematical Programming
Link to proposal: https://approval.ufl.edu/requests/4938
Course description: Introduction to mathematical programming with an emphasis on classical optimization concepts, models and solution techniques. Focus on convex analysis (convex sets, separation theorems, convex functions), optimality conditions (Fritz-John & Karush-Kuhn-Tucker), Lagrangian duality and iterative solution methods 9gradient, conjugate gradients & garrier methods).

4. ESI 6XXX
Integer Programming
Link to proposal: https://approval.ufl.edu/requests/4937
Course description: Advanced topics in the theory, algorithms and applications of integer programming. Focus on polyhedral approaches (cutting planes, integer polyhedra, primal algorithms), theory of lattices and algebraic geometry approaches (Gobner bases, generating functions, sos relaxations).

5. GEO 5XXX
Environmental Biogeography
Link to proposal: https://approval.ufl.edu/requests/4893
Course description: Description and explanation of spatial patterns of biodiversity, and underlying biophysical factors of human-environment interactions. Past and present distributions of organisms and how patterns of environmental variation influence the organisms; forecasting climate change effects on organisms, designing nature reserves, and explaining human adaptations to environmental variability. This class takes a mostly ecological approach to understanding biogeography.

6. FOS 6XXX
Sensory Evaluation of Food
Link to proposal: https://approval.ufl.edu/requests/4893
Course description: Principles and techniques of sensory evaluation of foods, including the basics of taste and olfactory perception; the basic psychology of common sensory tests; the proper use of discrimination testing, consumer acceptability and preference testing, and descriptive analysis; and statistical analysis of sensory data.

7. GEO 6333
Floods Seminar
Link to proposal: https://approval.ufl.edu/requests/5150
Course description: Lecture, readings, writing, presentation and analysis of the world's most extreme floods from the Pleistocene through the present due to various causes, discussing physical and human aspects of flood warning, preparedness, response and recovery throughout the world.

8. DEN 6679
Advanced Radiology and Interpretation
Link to proposal: https://approval.ufl.edu/requests/4966
Course description: A series of lectures designed to provide graduate students with advanced information on oral nad maxillofacial radiology. Subjects include material designed to prepare the advanced practitioner in radiologic management of patients with complex diagnostic problems.

9. HFT 5XXX
Hospitality/Tourism Planning and Development
Link to proposal: https://approval.ufl.edu/requests/5177
Course description: Provides an examination of the planning and development functions of the hospitality and the tourism industry. Covers backgrounds to tourism planning, planning hospitality attractions, development and design standards, planning resorts, and impacts of the industry and how to plan to minimize these impacts. Case studies will be used to help students develop an understanding for the interrelationship among the concepts.

10. HFT 6XXX
Hospitality Law and Risk Management
Link to proposal: https://approval.ufl.edu/requests/5178
Course description: Law and risk management in the context of hospitality. In order for hospitality managers to be successful in reducing the probability of injury to participants, and providing the best defense against lawsuits, they must have knowledge of risk management and legal principles. The course is designed to convey the principles, tools, techniques and methods employed in order to be effective in reducing the risk of liability in the hospitality setting.

11. HFT 6XXX
Introduction to Hospitality and Tourism
Link to proposal: https://approval.ufl.edu/requests/5179
Course description: Focuses on the lodging and restaurant segments of the hospitality industry, taking a management perspective when introducing concepts and associated issues in the lodging, meetings/conventions, and restaurant operations. In addition, case study analysis will be largely used to enhance communications of business related concepts, ideas, and problem-solving abilities through individual and group decision making in oral and written form.

12. HFT 6XXX
Marketing in Hospitality/Tourism
Link to proposal: https://approval.ufl.edu/requests/5180
Course description: Provides a marketing analysis of the hospitality and tourism industry, covering key marketing principles in practices and discuss tourism and hospitality marketing strategies. Case studies will be used to help students develop an understanding of the interrelationship among the marketing concepts that will be covered in this course. The course should allow students to take the proper marketing steps and make decisions given the latest trends in tourism and hospitality.

13. POS 6XXX
Inter-American Relations
Link to proposal: https://approval.ufl.edu/requests/3919
Course description: Provides analytical tools to understanding the historical evolution and current state of Inter-American institutions and relations, while balancing theoretical analysis of some selected issues with empirical studies on recent developments in Inter-American relations. Addressing selected topics, such as free trade, regional integration, democracy promotion, international migration, drug traffic, transnational crime, etc., in the light of major theories in International Relations.

14. EDF 7XXX
Advanced Topics in Structural Equation Modeling
Link to proposal: https://approval.ufl.edu/requests/5161
Course description: Advanced topics in structural equation modeling, including methods for conducting methodological research about structural equation modeling.

15. LAE 6XXX
Immigrant Experiences in Children's Adolescent Literature
Link to proposal: https://approval.ufl.edu/requests/4502
Course description: Guides students' exploration of immigrant issues in children's literature, developing a better understanding of diverse cultures represented in schools across the United States, and ability to critique literature to determine how different cultures are represented in children's books.

16. ENT 6957
International Studies in Entrepreneurship
Link to proposal: https://approval.ufl.edu/requests/5063
Course description: Academic credit for courses taken overseas.

17. ENT 6946
Entrepreneurial Consulting Project (referred to as GatorNest)
Link to proposal: https://approval.ufl.edu/requests/5064
Course description: Top teach entrepreneurship by working through real problems of real companies. To teach team dynamics, goal setting, and project management in an unscripted environment. To aid the economy by producing value-adding solutions to business problems.

18. ENT 6130
Creativity
Link to proposal: https://approval.ufl.edu/requests/5060
Course description: To explore the fundamental tools used to make both individuals and organizations more creative and innovative.

19. ENT 6905
Individual Course Work in Entrepreneurship
Link to proposal: https://approval.ufl.edu/requests/5061

20. ENT 6930
Special Topics
Link to proposal: https://approval.ufl.edu/requests/5062