

Graduate Curriculum Committee Meeting Agenda

Grinter Hall
Room 118

Friday
11/13/2009
9:00-10:00

I. Approval of the Minutes from the 10/23/2009 Graduate Curriculum Committee Meeting.

II. Update to the Committee: The following proposal has previously been presented to the Committee, and has now been recycled to it by the University Curriculum Committee for follow-up.

AEE 5XXX

Instructional Techniques in Agricultural Education

Original GCC Concerns: The following requests have come forward to the Graduate Curriculum Meeting: 2845, 2846, 2847, and 2848. The committee understands from the proposals that these will allow the department to proceed with a request to the Florida Department of Education for approval of a master's level teacher certification program in agriculture." However, before granting final approval to these courses, they wanted clarification on how each of these courses differ from one another.

Action Taken by Graduate Curriculum Committee: Message was forwarded to college contact noted for clarification needed." / "Further explanation has been clarified--document has been attached verifying this information. Accordingly, approved by Graduate Curriculum Committee and forwarded to University Curriculum Committee for certification."

Action Taken by the University Curriculum Committee: Returned to GCC, with the indication that the UCC believes "substantial revision" is required to pair a 300- level course with a graduate course.

III. Course Change Proposals (UCC2s):

1. GMS 6021
Principles of Neuroscience I
<https://approval.ufl.edu/requests/4952>
Requested Change: Change in amount of credit from 1 to 2.
2. GMS 6022
Principles of Neuroscience II
<https://approval.ufl.edu/requests/4953>
Requested Change: Change in amount of credit from 1 to 2.
3. GMS 6023
Principles of Neuroscience III
<https://approval.ufl.edu/requests/4954>
Requested Change: Change in amount of credit from 1 to 2.
4. GMS 6841
Design and Analysis of Translational Research in Biomedical Sciences
<https://approval.ufl.edu/requests/4995>
Requested Change: Change in amount of credit from 3 to 2.

5. ECO 7526
Theoretical Public Economics
<https://approval.ufl.edu/requests/4823>
Helpful link to current catalog: <http://gradschool.ufl.edu/catalog/current-catalog/FOI/ES01.htm>
Requested Change: Change to course description.
6. GMS 6803
Data Management for Epidemiologic & Clinical Research
<https://approval.ufl.edu/requests/4782>
Requested Change: Change in amount of credit from 2 to 3.
7. AEE 6511
Supervised Agricultural Experience Programs
Requested Change: Change to title and to course description.
Helpful information: This course has been reserved with the Statewide Course Numbering System, but has yet to be assigned to UF with it.
8. PHA 6265
Introduction to Pharmaceutical Outcomes and Policy
<https://approval.ufl.edu/requests/4764>
Requested Change: Change in amount of credit from 3 to 2.

III. New Course Proposals (UCC1s):

1. PHA 6XXX
Introduction to Pharmacoepidemiology
<https://approval.ufl.edu/requests/4949>

Course Description: Introduce students to basic epidemiology principles with a particular focus on how they are applied to pharmaceuticals. The course will provide a basic understanding of causation, measure disease occurrence and causal effect, biases in study design, data analysis and use of epidemiology in clinical settings.
2. SPW 6535
Spanish Romanticism
<https://approval.ufl.edu/requests/4809>

Course Description: Analyzes literary works of Spanish Neoclassical and Romantic periods in light of their social, historical and ideological contexts.
3. CPO 6XXX
Water Politics
<https://approval.ufl.edu/requests/4167>

Course Description: An interdisciplinary exploration of the political dimensions of human manipulation of water, wetlands and watersheds. Topics include large-scale hydrodevelopment, common-pool resources, community-based water management, marketization, and transboundary waters, providing a general introduction to social-scientific theorizing on human-environment relations.

4. ECP 7419

Current Research in Regulation

<https://approval.ufl.edu/requests/4822>

Course Description: Current research topics in regulation, with emphasis on energy, environment, telecommunications, and water, with an objective of preparing students to contribute to this research.

5. ECP 7407

Theory of IO: Product Differentiation and Strategy

<https://approval.ufl.edu/requests/4821>

Course Description: Review of undifferentiated oligopoly, then focuses on oligopoly with differentiated products, modern monopolistic competition models, strategic moves in oligopoly.

6. PHC 6XXX

Spatial Epidemiology

<https://approval.ufl.edu/requests/4929>

Course Description: Concepts and techniques of Geographic Information Systems (GIS). Spatial data analysis, descriptive and analytical functions of GIS, cartographic communication, automated mapping characteristics, map projections and map scale, geocoding, coordinate systems, and the nature of spatial public health data.

7. PHC 6XXX

Biostatistical Consulting

<https://approval.ufl.edu/requests/4924>

Course Description: Training for M.S. and Ph.D. students in Biostatistics on the statistical aspects of research problems.

8. PHC 6XXX

Biostatistical Methods I

<https://approval.ufl.edu/requests/4887>

Course Description: Biostatistical data analysis using linear models; theory and practice of regression and analysis of variance in the health sciences.

9. PHC 6XXX

Biostatistical Methods II

<https://approval.ufl.edu/requests/4888>

Course Description: Biostatistical data analysis, using generalized linear models, generalized linear mixed models, semiparametric and nonparametric regression, and neural networks; theory and practice in the health sciences.

10. MET 6XXX

Atmospheric Data Analysis

<https://approval.ufl.edu/requests/2642>

Course Description: Analysis of how atmospheric data is collected and analyzed both for meteorologic- and climatologic-scale research, including where to obtain various types of data and how to analyze data in order to answer specific research questions.

11. ABE 6XXX

Environmental Nanotechnology in Water Research

Course Description: Applications of environmental nanotechnology to water quality control. Fate and transport of nanomaterials in hydrologic pathways.

12. GEO 5XXX

Climatology

<https://approval.ufl.edu/requests/2645>

Course Description: Climatology in a global context, including energy budgets; weather systems, in the tropics and extratropics; and atmospheric teleconnections, such as El Nino.

13. ECH 6XXX

Impedance Spectroscopy

<https://approval.ufl.edu/requests/4203>

Course Description: Course is intended for chemists, physicists, materials scientists, and engineers with an interest in applying electrochemical impedance techniques to study a broad variety of electrochemical processes.

14. SWS 5215

Land Application of Residual Products

<https://approval.ufl.edu/requests/3381>

Course Description: Land application of residuals (biosolids, animal waste, food residuals, etc.) to sustain productivity, soil quality, and our environment.

15. PHC 7020

Bias in Observational Research

<https://approval.ufl.edu/requests/4623>

Course Description: Identifying sources of bias in observational data analysis. Statistical methods for bias adjustment in theory and in practice, with emphasis on confounding, missing data, and measurement error.

16. ENY 6706

Forensic Entomology

<https://approval.ufl.edu/requests/4650>

Course Description: The role of arthropods in decomposition and in criminal and civil investigations, and the increasing importance of science in society. The material discussed in this course deals with death and some may consider images and concepts disturbing.

17. ENY 6706L

Forensic Entomology Laboratory

<https://approval.ufl.edu/requests/4651>

Course Description: Laboratory and field experiments designed to accompany ENY 6706 that will involve decomposing pig carcasses or other applied forensic applications.

18. ENV 6XXX

Advanced Stormwater Control Systems

<https://approval.ufl.edu/requests/4343>

Course Description: Chemical, physical, biological, and hydrologic aspects of rainfall runoff and control through unit operations and processes (UOPs). Stormwater physical and chemical loads. Interactions between hydrologic processes, water chemistry, sediment transport, infrastructure materials and UOPs for treatment and reuse.

19. RSD 6XXX

Scientific Writing for the Rehabilitation Professional

<https://approval.ufl.edu/requests/4889>

Course Description: Systematic approach to scientific writing, using the student's scientific project (article, chapter, grant, other) as a focus for participation.