UCF Graduate Council

CURRICULUM COMMITTEE MINUTES

Minutes of February 04, 2010 meeting

Members Present	Naim Kapucu, Eduardo Mucciolo, Joyce Nutta, Tison Pugh, Michael Stern, Sergio Tarfur, James Turkson, Art Weeks
Recorder	Rhonda Nelson
Guests Present	Scott Sumner, Julia Pet-Armacost, Henry Daniell, Anne Culp, Walt Doherty, Helge Heinrich
Staff Members	Barbara Rodriguez
Files	2010-02-04 Course Action Request Minutes

Welcome and call to order. The meeting was called to order at 12:00 p.m. by Joyce Nutta, chair. A quorum was established. Two new members were introduced: Eduardo Mucciolo and Jean Kijek. The minutes of the last meeting held on January 21 were approved with one correction.

Equipment fee request, COM – Scott Sumner presented this equipment fee request. Discussion was held on the following items: the absorption of additional costs that were incurred with these fees, surplussing equipment after 4 years, opt out of paying equipment fee if a student had their own device, and the option of purchasing their device after the four years. Mr. Sumner indicated that there were licensing issues involved with some of these options – the students would be required to use these specific devices and would not be able to opt out of the equipment fee. He indicated they would give serious consideration to the other recommendations. Some members of the committee felt that the $600 fee may not be adequate and suggested that the fee be approved up to $700. The request was passed with the recommendation to raise the requested rate up to $700.

Addition of a PSM track to the M.S. in Biotechnology, COM. Henry Daniell presented a summary of this new track, with an additional option of obtaining an MBA as an expedited additional degree. This non thesis track could be completed in one year (with both flanking summers) and would not require tuition waivers. Discussion was held on the following issues:

- Suggestion to include a required course on regulatory issues.
- Vetting the additional MBA degree as a dual degree
- Graduate certificate issue from CBA – request for clarification

The committee approved the PSM track only and asked that Dr. Daniell present a separate proposal to the committee for a Biotechnology PSM/MBA dual degree if the department wishes to pursue the expedited MBA option.

Curriculum revisions to the M.Ed. in Educational Leadership, COE – Walt Doherty presented a summary of the changes for this program. Discussion was held on the importance of the curriculum theory and organization course and the curriculum inquiry course and if this information would be in any of the other courses. Dr. Doherty indicated that they were weaving some of the course syllabi into other courses. Dr. Kijek suggested that a changed syllabus should be presented. The course changes to this program were approved by the committee with 1 opposed vote.

Curriculum revisions to the M.S. in Early Child Development and Education, COE – Anne Culp presented the course changes to this program. The committee suggested several editorial changes in the proposal. Under the non thesis option, add the word “or” after the research report. Add clarification regarding the comprehensive examination. The course changes to this program were approved.

Curriculum revisions to the Ph.D. in Physics, COS – Helge Heinrich presented the changes to this program, which included changes to the core courses and changes to the placement and candidacy exams. The committee suggested that some of the detail in the program description and candidacy exam description would be better described in the handbook. After the core electives area, add a statement regarding the three specializations that follow. The curriculum revisions to this program were approved.

Courses and special topics – The proposed changes to MAT 5711 were tabled awaiting clarification on a prerequisite. The Music courses were approved with 4 yes’ and 2 abstentions. The remaining courses were approved. A question was raised on the graduate objectives for course syllabi and if there were guidelines in place for this. This item will be discussed at a later time.

Announcements and adjournment. The meeting was adjourned at 1:20 p.m.

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Graduate Council Curriculum Committee
Course Minutes for 02-04-2010

All courses were approved unless otherwise noted. Any notation refers to the course directly below the notation.

College of Arts & Humanities Course Action Additions

SPLIT CLASS

MUT 5XXX CAH-Music 3(3,0)

Analysis of Twentieth Century Music: PR: Graduate Standing in Music or C.I. Analysis of music in a selection of the different styles practiced in the 20th century, with an emphasis on Western art music. *Fall.*

30 character abbreviation: **Analysis Twentieth C. Music**

SPLIT CLASS

MUT 5XXX CAH-Music 3(3,0)

Counterpoint: PR: Graduate standing in Music or C.I. Principles of counterpoint and the study of contrapuntal styles in Western music from the 16th century to the present day. *Even Spring.*

30 character abbreviation: **Counterpoint**

College of Sciences Course Action Revisions

Tabled. Committee requesting a 3000 level prerequisite course, possibly a Calculus course.

MAT 5711 Scientific Computing 3(3,0)

PR: MAC 2313, MAP ~~2302, graduate status or senior standing,~~ 2302 or C.I.

~~Basic programming skills using Mathematica, Maple, Matlah, or Java in solving basic scientific computing problems; preparing students for advanced computational methods and algorithms.~~

Matlab fundamentals, computer arithmetic, nonlinear equations, polynomial interpolation, divided; differences, splines, curve fitting, least-squares method, numerical differentiation and Integration.

Engineering & Computer Science Course Action Revisions

Add new prerequisite: EMA 4413

~~**EMA 6611C Optoelectronic Materials Processing 3(2,2)**~~

EMA 6611 Optoelectronics Materials Processing 3(3,0)

~~PR: EMA 5317,~~ PR: ~~EGN 3365,~~ Graduate standing or C.I.

~~Techniques~~ Electronic Theory for Materials Preparation, Doping, Metallization, Effect of Materials Properties on Device ~~(e.g.,~~ (eg. Solar Cells, ~~lasers and transistors) performances, electronic and optical characterization of device materials.~~ LEDs, and Detectors) Performances.

30 character abbreviation: **Optoelect Materials Processing**