


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of September 16, 2009 meeting	
Members Present	Patricia Bishop, Deborah Breiter, Susan Chase, Naim Kapucu, Ram Mohapatra, Joyce Nutta, Max Poole, Tison Pugh, Sergio Tarfur, Art Weeks
Recorder	Rhonda Nelson
Guests Present	Paige Borden, Juli Dixon, Grant Hayes
Files	2009-09-16 Course Action Request Minutes 

Welcome and call to order. The meeting was called to order at 12:00 noon by Ram Mohapatra, chair. Dr. Mohapatra welcomed the members and guests. Introductions of the members followed.

Graduate curriculum procedures and policies. Dr. Poole summarized the one page handout that was distributed on the overview of the duties of the committee and the types of items that would be reviewed at each meeting. He also discussed the review of course action requests and special topics. It was also pointed out that the agenda items would be uploaded to the Graduate Council website prior to each meeting and the minutes would be posted to the website once the meeting was over.

Proxy voting and call-in members. Dr. Mohapatra asked the committee if they wanted to accept proxy voting when the regular members were not available. The committee agreed that this would be acceptable and that members must be a member of the graduate faculty and that it would be good to brief the faculty member regarding agenda items in advance. It was also requested that the chair and Dr. Poole be notified of substitutes. A question was raised on whether there could be a replacement for the student member. It was noted that a replacement could not be substituted for the student member. The committee also approved the option of members calling in to the meeting, if they were not available to attend in person.

Addition of a portfolio as an option in K-8 Math and Science Ed MED program for fall 2009. Sciences, COE. Julie Dixon gave a summary regarding the addition of a portfolio option. They will keep the thesis but will provide the option of a portfolio submission. A question was raised on the National Board Certification and if there was a committee at the national level. Dr. Dixon indicated that there was a committee. Discussion was held on the portfolio option. This request received unanimous approval from the committee.

Temporary suspension of admissions beginning spring 2010 to the MA C&I program. Dr. Hayes was present to give a summary of this program suspension. There have been recent changes in accreditation standards and the department will be redesigning the program. Current students in the program can continue to complete the program. Plans are to reactivate the program for new admissions beginning fall 2011. A question was raised regarding CIP codes. Dr. Bishop pointed out that if a new CIP code was requested at the time of the reactivation, that this program would need to be brought back as a new program and would require approval at the BOT level. Dr. Hayes indicated that the department plans to keep the same CIP code. This request received unanimous approval from the committee.

Program revisions to the Physics PhD effective fall 2009. The department has requested to reduce the required courses from 24 to 18 credit hours and increase the electives from 33 to 39 credit hours. A question was brought up regarding the Computational Physics course that was removed from the required courses and how this affected the program. Discussion followed. After reviewing the curriculum further, Sergio pointed out that students would be able to take the Computational Physics course as an elective. This request received unanimous approval from the committee.

Suspend admissions to the Visual Language track, MFA, F&DM beginning fall 2009. The department has requested to suspend admissions to the track for one year and would reactivate it for the 2010-2011 academic year. Students currently in the program would be able to finish the program. The request received unanimous approval from the committee.

Review of courses and special topics. For a complete list of courses approved, review the attachment listed at the top of this page.

Announcements and adjournment. The meeting was adjourned at 12: 50 p.m. The next meeting will be October 15, 2009, 12:30, MH 395.

Graduate Council Curriculum Committee Course Minutes for 09-16-2009

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

College of Optics & Photonics Course Action Additions

OSE 6XXX OPT-Optics 3(3,0)

Applied Quantum Mechanics for Optics and Engineering: PR: Graduate standing or C.I.
Presents the elements of quantum mechanics that are essential for understanding many areas in modern optics and photonics.

30 character abbreviation: Ap Quantum Mechan Opt & Eng

OSE 6XXX OPT-Optics 3(3,0)

Computational Photonics: PR: Graduate standing, OSE 6111 and OSE 6432, or C.I.
Computational methods for photonic guided wave structures, periodic structures, and integrated photonic structures and devices.

30 character abbreviation: Computational Photonics

Tabled – requested additional information on what has changed in contents to increase the hours.

College of Medicine Course Action Revisions

BSC 6431 Practice of Biomolecular Science ~~2(2,0)~~
3(3,0)

PR: Graduate standing.

Introduces students to the practice of biomolecular science. Graded S/U.

Engineering & Computer Science Course Action Revisions

~~CDA 5530 Performance Models of Computers and Networks 3(3,0)~~

~~CDA 6XXX~~

~~PR: Senior standing or beginning PR:~~ **Graduate standing or C.I.**

~~Performance Models of Computer Systems and Networks using probability models and discrete event simulations. Queuing Theory and modeling tools.~~

College of Optics & Photonics Course Action Revisions

OSE 5312 ~~Fundamentals of Optical Science~~ 3(3,0)
Light Matter Interaction

PR: Graduate standing or C.I.

~~Microscopic theory of absorption, dispersion, and refraction of materials; wave propagation, introduction to lasers and nonlinear optics.~~

Microscopic theory of absorption, dispersion, and refraction of materials; classical and quantum mechanical description of optical properties.

30 character abbreviation: Light Matter Interaction

OSE 6432 ~~**Fundamentals of Photonics**~~ **3(3,0)**
Guided Waves and Optoelectronics

PR: Graduate standing and OSE 6111 or OSE 5041 or C.I.

Principles of guided wave optics, electro-optics, acousto-optics and optoelectronics.

30 character abbreviation: **Guided Waves and Optoelectr**