


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of March 05, 2008 meeting

Members Present	Patricia Bishop, Deborah Breiter
Recorder	Rhonda Nelson
Guests Present	Michael O'Malley, Karen Biraimah, Martha Lue Stewart, Peter Kincaid, Annie Wu, Saleh Naser (for Karl Chai)
Staff Members	Max Poole
Files	2008-03-05 Course Action Request Minutes 

Welcome and call to order. The meeting was called to order at 1:30 p.m. by Stephen Goodman, chair.

Approval of the minutes. The minutes from the 2/26 meeting were reviewed and approved.

Course revisions and total credit hour reduction to the Urban Education Certificate, Ed (tabled at 2/26 meeting due to a request for additional information). Michael O'Malley, Karen Biraimah, and Martha Lue Stewart presented information regarding this proposal. This proposal includes course changes and reducing the total credit hours from 18 to 15, with core course reduced to 9 and electives to remain at 6 credit hours. The proposed certificate will be more in line with programs across the U.S. The department decided to drop the word "interdisciplinary" from the title. These revisions received unanimous approval from the committee.

Curriculum revisions to the Ph.D. in Modeling and Simulation, GS. Peter Kincaid and Annie Wu were present to give a summary of the revisions to this program. In addition to some minor changes, they added a course to the required core, an advanced research methods course. The addition of the advanced research methods course will better prepare students for dissertation research. Students may choose from four advanced research methods courses from several disciplines represented in the program. A question was raised regarding the methods course. Dr. Kincaid indicated that they will be adding their own methods course next year. A question was raised regarding the cornerstone area and the 5000 level courses. On the first page under required core, a suggestion was to rephrase the paragraph right below methods course section. Also, rephrase Cornerstone Focus header wording. It was also suggested that these changes be approved with a one year exception. Another comment was that seminar courses could be easily added at the 6000 level. This proposal received unanimous approval with the changes as suggested. This was approved with a 1 year exception.

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 next meeting will be March 19, 1:30, MH 327.

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Graduate Council Curriculum Subcommittee **Course Minutes 03-05-08**

All courses listed below were approved unless otherwise noted. Any course listed as tabled or withdrawn refers to the course directly below the notation.

College of Education Special Topics

EDF 6938 Sect 01 ED-Educational Studies 3(3,0)

ST:Public Policy and Urban Education: PR: Graduate standing. Critical analysis of public policy formation, implementation, and evaluation with regard to their impact on urban schools and communities.

30 character abbreviation: **ST:Public Policy & Urban Educ**

AGENDA NOTES: Course Addition also being proposed.

EDF 6938 Sect 01 ED-Educational Studies 3(3,0)

ST:Teaching and Learning in Urban Settings: PR: Graduate Status. Analysis and discussion of instructional and assessment methods that seek to improve the quality of teaching and learning in urban schools.

30 character abbreviation: **ST:Teach & Learn in Urban Set**

AGENDA NOTES: Course Addition also being proposed.

EDG 6938 Sect 01 ED-Educational Studies 3(3,0)

ST:Social Contexts of the Urban Classroom: PR: Graduate Status. Review, analyze, and contextualize classroom dynamics embedded in urban communities and the institution of schooling.

30 character abbreviation: **ST:Social Contexts Urban Class**

AGENDA NOTES: Course Addition also being proposed.

Engineering & Computer Science Course Action Additions

CAP 6XXX ECS-Computer Science 3(3,0)

3D User Interfaces for Games and Virtual Reality: PR: CAP 5725 or C.I. Introduction to the design, implementation, and evaluation of the fundamental techniques in spatial 3D interaction.

30 character abbreviation: **3D User Interfaces Games & VR**

COP 6XXX ECS-Computer Science 3(3,0)

Network Optimization: PR: Graduate standing. Recent advances in theory and computational techniques for optimal design and analysis of large networks for computer communications, and transportation including Internet and WWW complex networks

30 character abbreviation: **Network Optimization**

EEL 6XXX ECS-Electrical & Computer Eng 3(3,0)

Semiconductor Material and Device Characterization: PR: EEE 4314 or C.I. Semiconductor materials, resistivity, mobility, doping, carrier lifetime, defects, contact resistance, threshold voltage, interface charges, channel length of MOS devices, optical and surface characterization
30 character abbreviation: **Semiconduct Matrl & Device Char**

Engineering & Computer Science Course Action Deletions

EEL 5708 ECS-Electrical & Computer Eng 3(3,0)

High Performance Computer Architecture: PR: EEL 4767C. Engineering of high performance computer systems. Memory, processor and control sub-systems design tradeoffs. Virtual and cache memory. Pipelining, vector computing.

EEL 6707 ECS-Electrical & Computer Eng 3(3,0)

Parallel Processing: PR: EEL 5708. Systems with one or more central I/O processors. Types of parallelism granularity and memory organization. Processor/memory message passing systems. Shared memory multiprocessors.

College of Education Course Action Additions

EDF 6XXX ED-Educational Studies 3(3,0)

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EDG 6XXX ED-Educational Studies 3(3,0)

Social Contexts of the Urban Classroom: PR: Graduate Status. Review, analyze, and contextualize classroom dynamics embedded in urban communities and the institution of schooling.

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Engineering & Computer Science Course Action Revisions

COP 5021 Program Analysis

3(3,0)

PR: COP 4020 and COT ~~4210~~. 4210 or C.I.

~~Syntactic and Semantic~~ Static analysis of programs including theoretical and practical limitations, ~~attribute evaluation, data flow analysis, program optimization, intermediate representations code generation.~~ abstract interpretation, and type and effect systems. Tools to automate analysis. program analysis.