

UCF Graduate Council

[Home](#) > [Curriculum](#) > [Minutes](#)

CURRICULUM COMMITTEE MINUTES

Minutes of April 23, 2009 meeting

Members Present

Patricia Bishop, Deborah Breiter, Naim Kapucu, Ram Mohapatra, Max Poole, Tison Pugh

Recorder

Rhonda Nelson

Guests Present

Xin Li, Piotr Mikusinski, Tosha Dupras, Kevin Belfield, Andres Campiglia, Estelli Ramos, Anthony Byrd, Peter Kincaid

Files

[2009-04-23 Course Action Request minutes](#) 

Welcome and call to order. The meeting was called to order at 11:30 by Ram Mohapatra, chair.

Addition of a Mathematics graduate certificate, COS. Xin Li presented a summary of this new graduate certificate. The committee had several questions and made suggestions for clarification. They requested clarification on how exams would be administered. A question was raised on item #7 on whether students were required to come to campus for 1 or 2 meetings. Change language to "may be needed" and clarify how students from other states could interact. In item #7, change wording to "Homework will be collected through web courses (instead of WebCT) or in class." Send changed document to Graduate Studies. This certificate received unanimous approval with changes.

Suspension of the School Social Work graduate certificate, COHPA. Estelli Ramos presented a summary for all three Social Work agenda items. The department requested to suspend this certificate due to budget constraints. Most of the students will graduate spring 2009 but there are two students who will not graduate until 2010. The department may wish to remove suspension at a later date. This suspension received unanimous approval.

Suspension of the Addictions graduate certificate, COHPA. The department requested to suspend this certificate due to budget constraints. Most of the students will graduate spring 2009 but there are two students who will not graduate until 2010. The department may wish to remove suspension at a later date. This suspension received unanimous approval.

Course revisions to the Social Work Administration graduate certificate, COHPA. The department requested to change the hours of one course from 2 to 3 credits. This will change the overall program from 11 to 12 credit hours. These revisions received unanimous approval.

Course revisions to the Entrepreneurship graduate certificate, CBA. The department requested to add an additional option to the required course listing and change the name of one of the courses. The certificate will remain at 9 credit hours. These revisions received unanimous approval.

Revisions to the Anthropology MA, COS. Tosha Dupras presented a summary of the changes to this program. The department requested to inactivate the 3 tracks and make additional curricular changes to the program. These revisions received unanimous approval.

Course revisions to the Chemistry PhD program, COS. Kevin Belfield gave a summary of the changes to this program. The department requested to add a concentration area in Biochemistry, increase the elective hours, modify the qualifying exam and core courses, and clarification of the candidacy exam and dissertation committee membership. Several questions were raised by the committee regarding the curriculum hours and course offerings. Questions were raised on the paragraph on the dissertation committee members. The committee suggested several changes for this area. Dr. Belfield will make updates to the document and forward to Graduate Studies. These program revisions received unanimous approval from the committee with changes.

Addition of a Modeling & Simulation Professional Master's track (online), CGS. Peter Kincaid gave a summary for this new track. The ERAU and UCF have established an agreement to begin this program fall 2009. Questions were raised on budgeting, how fees would be charged, the curriculum, and what the breakeven point was for the track. This track addition received unanimous approval from the committee. The new courses will be forthcoming to the council.

Courses and special topics. There were three split classes on the agenda from the COM. The committee voted unanimously to table these courses and requested more specific information on the syllabi that indicated the graduate level class show more rigor, more advanced assessment, and rigorous grading. The department will be contacted regarding the needed revisions. For a list of additional course approvals, please refer to the attachment at the top of this page for a complete list of the minutes for the courses and special topics.

Announcements and adjournment. The meeting was adjourned at 12:40 p.m. This is the last meeting of this semester.

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Graduate Council Curriculum Committee **Course Minutes for 04-23-2009**

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

College of Business Adm Special Topics

REE 6938 Sect 01 BA-Finance 3(3,0)

ST:Real Estate Development: PR: Must take in final term of MSRE program. Capstone project course covering the real estate development process, regulatory considerations, financial and market feasibility, management control, and environmental aspects of real estate development.

30 character abbreviation: **ST:Real Estate Development**

AGENDA NOTES: Course Addition also being proposed.

REE 6938 Sect 01 BA-Finance 3(3,0)

ST:Real Estate Finance and Investment: PR: FIN 6406, Acceptance into MSRE Program. Direct real estate investing in the apartment, office, industrial and retail sectors. Financing real estate transactions, real estate capital markets, and investment analysis.

30 character abbreviation: **ST:Real Estate Finance & Inves**

AGENDA NOTES: Course Addition also being proposed.

REE 6938 Sect 01 BA-Finance 3(3,0)

ST:Real Estate Law: PR: Acceptance into MSRE Program. Overview of the legal system and key laws affecting real estate. Emphasis on property rights, contracts, development law, theory of title, and commercial leases.

30 character abbreviation: **ST:Real Estate Law**

AGENDA NOTES: Course Addition also being proposed.

REE 6938 Sect 01 BA-Finance 3(3,0)

ST:Real Estate Market Analysis and Appraisal: PR: FIN 6406, acceptance into MSRE Program. An applied introduction to the major concepts, principles and methods used in appraising commercial real estate, performing market analysis, and basic economic analysis.

30 character abbreviation: **ST:Real Est Market Analy & App**

AGENDA NOTES: Course Addition also being proposed.

REE 6938 Sect 01 BA-Finance 3(3,0)

ST:Real Estate Markets and Institutions: PR: Acceptance into MSRE Program. Overview of the core real estate concepts, property fundamentals, and the role of various institutions in real estate transactions and operations.

30 character abbreviation: **ST:Real Estate Markets & Insti**

AGENDA NOTES: Course Addition also being proposed.

MAN 6938 Sect 01 BA-Management 3(3,0)

ST:Ethical Leadership: PR: Graduate Standing or CI. Building on organizational and behavioral theories of ethical decision making in work organizations, the course examines the challenges involved in ethical decision making.

30 character abbreviation: **ST:Ethical Leadership**

AGENDA NOTES: Course Addition also being proposed.

College of Education Special Topics

MHS 6938 COE-CFCS 3(3,0)

ST: Play Therapy: The Use of Art and Sandtray

Focus on play therapy utilizing art therapy and sandtray techniques. Clinical interventions will be presented followed by experiential exercises and group processing.

30 character abbreviation: **ST: PT-Art & Sandtray**

College of Sciences Special Topics

MAP 6938 Sect 01 COS-Mathematics 3(3,0)

ST: Mathematical Biology: PR: Admission into the mathematics, biology, or molecular biology and microbiology graduate program or C.I. Recommended courses: MAP 2302, MAS 3106, MAP 4103, MAA 4226, and; MAP 5336. Mathematical methods applied to biological models that involve single populations, interacting populations, structured populations, epidemics, genetics, and individual and social decision-making. Graded S/U.

30 character abbreviation: **ST: Mathematical Biology**

College of Business Adm Course Action Additions

REE 6XXX BA-Finance 3(3,0)

Real Estate Development: PR: Must take in final term of MSRE program. Capstone project course covering the real estate development process, regulatory considerations, financial and market feasibility, management control, and environmental aspects of real estate development.

30 character abbreviation: **Real Estate Development**

AGENDA NOTES: Special Topic also being proposed.

REE 6XXX BA-Finance 3(3,0)

Real Estate Finance and Investment: PR: FIN 6406, Acceptance into MSRE Program. Direct real estate investing in the apartment, office, industrial and retail sectors. Financing real estate transactions, real estate capital markets, and investment analysis.

30 character abbreviation: **Real Estate Finance & Invest**

AGENDA NOTES: Special Topic also being proposed.

REE 6XXX BA-Finance 3(3,0)

Real Estate Law: PR: Acceptance into MSRE Program. Overview of the legal system and key laws affecting real estate. Emphasis on property rights, contracts, development law, theory of title, and commercial leases.

30 character abbreviation: **Real Estate Law**

AGENDA NOTES: Special Topic also being proposed.

REE 6XXX BA-Finance 3(3,0)

Real Estate Market Analysis and Appraisal: PR: FIN 6406, acceptance into MSRE Program. An applied introduction to the major concepts, principles and methods used in appraising commercial real estate, performing market analysis, and basic economic analysis.

30 character abbreviation: **Real Est Market Analy & Apprai**

AGENDA NOTES: Special Topic also being proposed.

REE 6XXX BA-Finance 3(3,0)

Real Estate Markets and Institutions: PR: Acceptance into MSRE Program. Overview of the core real estate concepts, property fundamentals, and the role of various institutions in real estate transactions and operations.

30 character abbreviation: **ST:Real Estate Markets & Insti**

AGENDA NOTES: Special Topic also being proposed.

MAN 6XXX BA-Management 3(3,0)

Ethical Leadership: PR: College of Business Graduate Standing or C.I. Building on a foundation of basic theories of ethical decision-making from organizational and behavioral perspectives, the course examines challenges involved in maintaining exemplary professional ethics.

30 character abbreviation: **Ethical Leadership**

AGENDA NOTES: Special Topic also being proposed.

College of Medicine Course Action Additions

Tabled: additional clarification requested on grad syllabus

PCB 5XXX COM-Molecular & Microbiology 3(3,0) SPLIT CLASS

Cellular and Molecular Basis of Brain Functions: PR: Graduate Standing or C.I. Designed to provide graduate students the concepts required to understand the physiological basis of brain functions at the molecular, cellular and system levels.

30 character abbreviation: **Cell & Mol Basis Brain Functio**

Tabled: additional clarification requested on grad syllabus

PCB 5XXXC COM-Molecular & Microbiology 4(3,2) SPLIT CLASS

Advanced Human Physiology: PR: Graduate standing or C.I. Designed to provide graduate students advanced knowledge of physiological processes at the cellular, molecular and system levels.

30 character abbreviation: **Advanced Human Physiology**

Tabled: additional clarification requested on grad syllabus

PCB 5XXXL COM-Molecular & Microbiology 2(0,2) SPLIT CLASS

Laboratory Virtual Simulations in Physiology: CR: PCB 5XXXC Advanced Human Physiology. Conduct experiments in physiology that enhance the ability to design, collect, analyze data and report results in a scientific manner.

30 character abbreviation: **L Virtual Simulations in Phys**

College of Sciences Course Action Additions

ANG 5XXX COS-Anthropology 3(3,0)

Quantitative Research in Anthropology: PR: Admission to Anthropology MA, Maya Studies GC, or CI. Quantitative approaches to problems in anthropology, including multivariate systems, assessment of reliability, and approaches for small samples.

Materials & Supply Fee addition proposed: \$2.66

30 character abbreviation: **Quant Research Anthro**

CHM 6XXX COS-Chemistry 3(3,0)

Advanced Mass Spectrometry for Forensic Science: PR: C.I. Principles and data analysis of quadrupole mass filters and chemical manipulations of ions stored in quadrupolar trapping fields.

30 character abbreviation: **Adv Mass Spec in Forensic Sci**

CHM 7XXX COS-Chemistry 1(1,0)

Frontiers in Chemistry: PR: Admission to the PhD Chemistry program or CI. Chemistry research seminar addressing current challenges, trends and opportunities in the chemical sciences. May be used in the degree program a maximum of 3 times.

30 character abbreviation: **Frontiers in Chemistry**

MTG 5XXX COS-Mathematics 3(3,0)

Introduction to Differential Geometry: PR: MAC 2313 or equivalent or CI. Curves and surfaces in 2D and 3D, covariant derivative of a vector field, geodesics, Gauss-Bonnet; Theorem.

30 character abbreviation: **Intro to Differential Geometry**

PHY 5XXX COS-Physics 1(1,0)

Physics of Graphene and Carbon Nanotubes: PR: PHZ 4404 or equivalent, or CI. Advanced topics in carbon nanotubes and graphene sheets by presentation and discussion of current literature.

30 character abbreviation: **Phys Graphene & Carb Nanotube**

College of Business Adm Course Action Revisions

**MAN 5867 ~~Small Business Institute~~ 3(3,0)
Small Business Consulting**

PR: C.I.

Hands-on small business consulting course. Students are assigned teams and work with a local small business.

30 character abbreviation: Small Business Consulting

College of Sciences Course Action Revisions

ANG 6181C ~~GIS Applications in Archaeology~~ 3(2,2)

GIS Applications in Anthropology

PR: Admission to Anthropology MA, Maya Studies GC, or C.I.

Application of ~~global~~ geographic information systems methodology for the documentation of and analysis of anthropological, archeological and forensic sites.
problems.

30 character abbreviation: GIS Appl in Anthropology_____

MAA 5210 Topics in Advanced Calculus 4(4,0)

3(3,0)

PR: ~~MAA 4226 or equivalent, graduate status or senior standing, or C.I.~~ PR: MAS 3105, MAP 2302, or equivalent or CI.

~~Topics in multivariable calculus, including~~ Real numbers, epsilon-delta language, limits, continuity, integration, differentiation, Taylor's theorem, series, uniform convergence, inverse and implicit function theorems ~~theorems.~~