

UCF Graduate Council

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

CURRICULUM COMMITTEE MINUTES

Minutes of March 26, 2012 meeting

Members Present

Deborah Breiter, Tosha Dupras, Naim Kapucu, Charles Kelliher, Joyce Nutta, Max Poole, Kerry Purmensky, Jay Jay Stroup, Terrie Sypolt, Julee Waldrop, Art Weeks, Boris Zeldovich

Recorder

Rhonda Nelson

Guests Present

Jay Hoffman

Files

[2012-03-26 Meeting Course Action Requests Minutes](#) 

Welcome and call to order. The meeting was called to order at 12:00 p.m. by Tosha Dupras. A quorum was established. The minutes were reviewed and approved.

Revisions to the Sport & Exercise Sci MS, Sport Leadership Coaching track, CED. Jay Hoffman presented the name change to this track. It was pointed out that this proposal was reviewed and approved at the January meeting. Following that meeting, there were some concerns regarding the name change of the Sport Leadership Coaching track (being renamed to Coaching track). After faculty from the College of Education met with the provost, the college decided that a name change to Coaching and Sport Administration would better serve the intent of the track. This request for a name change received unanimous approval.

Revisions to the Engineering Management MS, PSM, CECS. The item was tabled due to clarification needed on the revision.

Addition of a PSM, PEM track to the Engineering Management, MS, CECS. This item was tabled due to clarification needed on this new track.

Courses and special topics. For a complete list of courses approved, review the attached listing.

Announcements and adjournment. The meeting was adjourned at 12:30 p.m.

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Graduate Council Curriculum Committee **Course Minutes for 03-26-2012**

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

College of Sciences Special Topics

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

ST:Hyperasymptotics: PR: MAP 5514, or MAP5336, or CI. Poincare's asymptotic series, Carrier's rule, optimal truncation, Dyson'd change-of-sign, exponentially small terms in; asymptotic series, Darboux's principle, Dingle's resurgence functions, Stokes phenomenon, nonstandard analysis.

Occasional.

30 character abbreviation: **ST:Hyperasymptotics**

Rationale: Very topical area in research.

Discussion with others: N/A

College of Sciences Course Action Deletions

INP 7075 COS-Psychology 3(3,0)

Current Theory and Research in Industrial and Organizational Psychology: PR: Graduate standing in the PhD program in Industrial and Organizational Psychology or C.I. Critical analysis of current theory and research published in the periodical scientific literature germane to the field of Industrial and Organizational Psychology. May be used in the degree program a maximum of 5 times. *Fall, Spring.*

Rationale: Course no longer offered by Department of Psychology.

Discussion with others: Not listed in any other graduate program catalog description at UCF.

Effect on majors: This course is not used as a prerequisite.

College of Sciences Course Action Revisions

Tabled. Committee questioned if the M&S fee should be deleted since the lab was being omitted.

~~PCB 6046C~~ Advanced Ecology ~~5(3,4)~~

PCB 6046 3(3,0)

PR: PR: Graduate standing in Biology, admission to the ~~M.S. in Biology, Ph.D. Certificate~~ in Conservation Biology, or ~~Certificate in Conservation Biology, or C.I. C.I.~~

Population and community ecology with emphasis on growth, regulation, species interactions, succession, and community classification.

Materials & Supply Fee still exists: \$15.00

Rationale: There are two reasons for the course action request.1. The lab component of the course was established years ago at a time when many students were enrolled in the non-thesis M.S. track and not actively engaged in research. Currently most of our graduate students are engaged in research where they receive more than adequate field training in the discipline.2. The 5 hour structure of the course has resulted in low enrollment because it is difficult to fit into a 9 hour schedule. We expect enrollment to improve in a 3 hour lecture based course.

Discussion with others: There are no duplications with other departments.

Majors taking course: Biology

MAP 5117 Mathematical Modeling 3(3,0)

PR: STA 4321, ~~MAP 4363~~, MAP 4303, graduate status or senior standing, or C.I.

Introduction to modeling in industrial and scientific applications; techniques for studying statistical and deterministic models.

13 of 30 character abbreviation: **Math Modeling**

Rationale: Replacing the deleted undergraduate course MAP 4363 by MAP 4303 in the prerequisite.

Discussion with others: None.

Majors taking course: Mathematics, in particular, students in the MS Industrial Math Track

MAP 6356 Partial Differential Equations 3(3,0)

PR: ~~MAP 4364~~ PR: MAP 4341 or MAP 5435 or equivalent.

First and second order linear equations; classification; analytical methods including Green's functions and integral representations; introduction to nonlinear equations; applications.

23 of 30 character abbreviation: **Partial Diff. Equations**

Rationale: Replacing the deleted undergraduate course MAP 4364 by MAP 4341 in the prerequisite.

Discussion with others: None.

Majors taking course: Mathematics students in the PhD program

MAP 6438 Mathematical Fluid-Flow Theory I 3(3,0)

PR: MAP 2302, ~~MAP 4363~~, MAP 4303, MAA 4402, PHY 3220 or equivalent, or C.I.

Mathematical theory of incompressible fluid flows along with analytical methods in solving the equations of fluid dynamics in various situations.

Rationale: Replacing the deleted undergraduate course MAP 4363 by MAP 4303 in the prerequisite.

Discussion with others: None

Majors taking course: Mathematics students in the PhD program

MAP 6465 Wavelets and Their Applications 3(3,0)

PR: ~~MAP 4364~~, PR: MAP 4341, MAA 6508, or C.I.

Continuous wavelet transforms, discrete wavelet transforms, frames, Zak transform, multi-resolution analysis, orthonormal bases of compactly supported wavelets, spline wavelets.

22 of 30 character abbreviation: **Wavelets & Their Apps.**

Rationale: Replacing the deleted undergraduate course MAP 4364 by MAP 4341 in the prerequisite.

Discussion with others: None.

Majors taking course: Mathematics PhD students

Tabled. Committee indicated that this course should be submitted as a new course. Since the title appears to be a generic title, please check with other colleges for conflicts.

**INP 6072 ~~Applied Research Methods in Industrial and Organizational Psychology~~
3(3,0)**

Survey Research Methods and Program Evaluation

PR: Graduate standing in PR: PSY 6216C and admission to master's program in Industrial and Organizational Psychology or PhD in Psychology or C.I.

~~Applied/practical issues in the conduct of research in organizational settings, including planning and implementation, experimental and quasi-experimental designs, and data analysis.~~

Applied issues in the evaluation of programs/interventions and survey design, sampling, and data analysis in organizations.

30 of 30 character abbreviation: **Research Meth. & Program Eval.**

Rationale: This revision is simply a name change to better reflect the content covered in the duration of the course.

Majors taking course: MS in I/O Psychology

INP 7933 Seminar in Industrial and Organizational Psychology 3(3,0)

INP 6XXX

PR: Admission to Industrial and Organizational ~~PhD~~ masters, Psychology PhD, or C.I.

Selected topics in industrial and organizational psychology. May be used in the I/O MS degree program one time, and may be used in I/O PhD a maximum of 6 times.

14 of 30 character abbreviation: **Seminar in I/O**

Rationale: This course was a Ph.D.-level course that we would like to use for both the master's degree and the PhD program. Thus, the course number needs to be changed to 6000-level and prerequisites need to include either admission to the masters or PhD program.

Majors taking course: MS and Ph.D. in I/O Psychology

College of Education Course Action Revisions

LAE 5337 Literacy Strategies for Middle and Secondary Teaching 3(3,0)

PR: EDG 6236 or C.I.

~~Designed to assist teachers and graduate students in understanding the adolescent learner. This course will examine theory, strategies, research, resources and implementation options for effective middle and secondary literacy programs.~~

This course is designed for the examination of theory, teaching strategies, and resources for effective middle and secondary reading instruction, to assist teachers to understand and develop content area reading instructional strategies.

Rationale: LAE 5337 has gradually evolved away from the original intent of the course toward becoming a content area reading course that targets teachers of content areas. The revised course description better reflects that intent.