

UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of September 13, 2004 meeting

Members Present Kevin Belfield, Subir Bose, Charles Reilly, Linda Savage, Rachel Viggiano, Lea Witta, Patricia Bishop, Ram Mohapatra

Recorder Rhonda Nelson

Guests Present Ben Morgan, Thomas Wan, Joyce Dörner, Michael Georgiopoulos

Files [2004-09-13 Course Action Request Minutes](#) 

Agenda handouts: Name change to track in Electrical Engineering, course changes to the Public Affairs Ph.D. program (carryover from last year), and list of course action and special topic requests.

1. The meeting began at 12:00 noon in 243 MH. Handouts were distributed. Dr. Mohapatra, CR&NP Subcommittee Chair, began the meeting by introducing himself and asked that all members and guests introduce themselves. Dr. Mohapatra stressed the importance of committee members' attendance at these meetings to ensure a quorum. It was decided that in the event that there is not a quorum, that additional votes may be obtained via email.
2. **First item– Track name change in Electrical Engineering.** Dr. Georgiopoulos brought forward a request for a name change to the EE track from Controls/Power to “Controls and Robotics.” The original track name was close to 15 years old. The track name was currently outdated and did not reflect the current courses and research interests. No changes to courses were requested at this time. He requested this change to go into effect as soon as system changes can be made to reflect this. Approved.
3. **Second item on the agenda – Public Affairs Catalog Changes (carryover from last year).** Thomas Wan addressed the course changes. Advanced Quantitative Methods was approved at the April committee meeting. At that time, the committee asked that a course deletion be sent forward for the Social Justice and Public Policy course, and a course revision be sent forward to represent the merging of 2 courses. Committee approved these 2 requests. Dr. Wan indicated that they may have additional course changes to the program which will be addressed by the committee once a written request is brought forward.
4. **Third item – Course action and special topic requests.**
 - COT 6938 Introduction to Quantum Information Theory. Physics has opposed this course. The committee asked that the Computer Science contact person meet with the Physics Department to address this course. The committee requests an email regarding the outcome of any issues. Course and special topics tabled until next meeting on September 27.
 - PAF 6938 Microeconomics for Public Policy. The committee asked that Dr. Wan share the course syllabus with the Economics Department and get their approval. The committee requests an email regarding the outcome of any issues. Course and special topics tabled until next meeting on September 27.
 - GEB 7XXX Structural Equation Modeling for Business Research. Dr. Witta requested that the committee table this course until she can obtain clarification from Business regarding this course. Course tabled until September 27 meeting.
 - ISM 6XXX Business Applications of Data Mining. The course was approved pending approval from the Statistics Department.
 - EIN 5XXX Interactive Simulation. Add graduate standing or C.I. Approved.
 - Request for change of name on BSC 6000 level Structure Function Relationships of Bio Sci I and II, and IDS 7000 level Structure Function Relationships of Bio I and II. Discussion was held on these courses regarding the name changes. The committee voted to table these 4 courses and will ask for a representative to attend the next meeting on September 27 for further clarification on these courses and the name change requests.
 - All other courses and special topics on the attached sheet were approved.
5. Meeting adjourned at 1:00 p.m. Next scheduled meeting will be September 27, 2004.

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Course Action and Special Topics Requests

Special Topic Additions

COT 6938 ECS-Electrical & Computer Sci 3(3,0)

ST: Introduction to Quantum Information Theory: PR: COT 6600 (Quantum Computing). Basic concepts in quantum information theory and quantum error correcting codes. **Tabled pending approval from Physics Department.**

PAF 6938 HPA-College-HPA 3(3,0)

ST: Microeconomics for Public Policy: PR: Admissions to Ph.D. in Public Affairs Program. Introduces microeconomic approach to public policy decision making. Examine role within public sector decisions. Learn concepts. Study microeconomic topics/techniques key to public policy analysis. **Tabled pending approval from Economics Department.**

Course Additions

SYP 5XXX AS-Sociology & Anthropology 3(3,0)

Sociology of Culture: PR: Graduate standing or C.I. Major theoretical approaches and empirical studies in the sociology of culture and analysis of cultural processes. **Approved.**

GEB 7XXX BA-Management 3(3,0)

Structural Equation Modeling for Business Research: PR: ECO 7423, Applied Models I; MAR 7XXX, Multivariate Analysis for Business Research. Applications of structural equation modeling (SEM) for business research including factor analysis, aspects of measurement theory, mathematical and technical issues about model fitting are covered. **Tabled. Education to obtain clarification from Business regarding this course.**

ISM 6XXX BA-Management Inform. System 3(3,0)

Business Applications of Data Mining: PR: All courses required for admission to the MS/MIS program. Modern paradigms in data analysis. The detection of useful patterns and relationships in databases. **This course was approved pending approval from the Statistics Department.**

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

Introduction to Quantum Information Theory: PR: COT 6600 (Quantum Computing). Basic concepts in quantum information theory and quantum error correcting codes. **Tabled pending approval from Physics Department.**

EIN 6XXX ECS-Industrial & Management 3(3,0)

Simulation Based Life Cycle Engineering: PR: EIN 5255 or IDS 5717C or EIN 5117. This course examines the phenomenon of simulation based life cycle engineering. Case studies illustrate infrastructure and organization change necessary to gain operational and strategic advantage. **Approved.**

PAF 7XXX HPA-College-HPA 3(3,0)

Microeconomics for Public Policy: PR: Admission to Ph.D. in Public Affairs Program. Introduces microeconomic approach to public policy decision making. Examine role within public sector decisions. Learn concepts. Study microeconomic topics/techniques key to public policy analysis. **Tabled pending approval from Economics Department.**

Course Action and Special Topics Requests

Course Deletions

PAF 7250 HPA-College-HPA 3(3,0)

Social Justice and Public Policy: PR: Admission to Ph. D. Program or CI. Examination of how public policy and institutions shape social justice in the United States. Emphasizes different concepts of social justice and public policies. (Agenda item #2) **Approved.**

Course Revisions

EIN 5XXXC ECS-Industrial & Management 3(2,2) Changed from 3(3,0)

Interactive Simulation: PR: **changed to graduate standing or C.I.** Introduction to significant topics relative to the development and use of simulators for knowledge transfer in the technical environment. **Approved.**

EMA 5XXX ECS-Mechanical/Matrls/Aerosp 3(3,0)

Materials Kinetics: PR: C.I. Mass and thermal transport, phase transformations and Arrhenius rate processes. Changing to letter grading. **Approved.**

PAF 7110 HPA-College-HPA 3(3,0)

Ethics and Public Affairs to Ethics and Social Justice in Public Affairs: PR: Admission to Ph. D. Program or C.I. Basic philosophical principles of theories as they impact practitioner-level ethical demands for managers; the examination of public policy institutions shaping social justice in U.S. (Agenda item #2) **Approved.**

BSC 6XXX HPA-Molecular & Microbiology 5(5,0)

Structure Function Relationships of Biomolecular Science I to MSc Biomolecular Science I: PR: 1) Acceptance in the Molecular biology and Microbiology Master's program, and 2) Biochem I, or Molecular Biology 1 and 2, or Cell Biology. First semester of a two semester sequence with lectures and literature discussion of structures, functions and relationships of action and functions of biomolecules. **Tabled pending clarification on name change and how course will be used.**

BSC 6XXX HPA-Molecular & Microbiology 5(5,0)

Structure Function Relationships of Biomolecular Science II to MSc Biomolecular Science II: PR: PCB 3523, and PCB 4524 or BCH 4053 or PCB 3023. Graduate standing. Second semester of a two semester sequence with lectures, literature discussion of structure - function - relationships of action and functions of biomolecules. **Tabled pending clarification on name change and how course will be used.**

IDS 7XXX HPA-Molecular & Microbiology 5(5,0)

Structure Function Relationships of Biomolecular Science I to Ph.D. Biomolecular Science I: PR: Admission to Biomolecular Sciences Ph.D. program. First semester of a two semester sequence with lectures and literature discussion of structure-function relationships of action and functions of biomolecules presented from an interdisciplinary perspective. **Tabled pending clarification on name change and how course will be used.**

IDS 7XXX HPA-Molecular & Microbiology 5 (5,0)

Course Action and Special Topics Requests

Structure Function Relationships of Biomolecular Science II to Ph.D. Biomolecular Science II: PR: Admission to Ph.D. in Biomolecular Sciences and IDS 7691. Second semester of a two semester sequence with lectures and literature discussion of structure-function relationships of action and functions of biomolecules presented from an interdisciplinary perspective. **Tabled pending clarification on name change and how course will be used.**