

UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of October 11, 2006 meeting

Recorder

Rhonda Nelson

Guests Present

Grant Hayes, Judy Lee, Arlen Chase, Diane Chase, Tosha Dupras

Files

[Course Action Minutes](#) 

1. **Introductions.** Dr. Sivo began the meeting at 10:00 and welcomed the committee members. Members and guests were asked to introduce themselves.
2. **Revisions to the MA in Educational Media.** Judy Lee gave a summary of the revised 36 credit program (from 39-45 credits) and the revised program requirements. Revisions included eliminating option A-Research Report and Option B non thesis report from area A of the POS. She also shared that they are revising area A core course requirements by dropping EDF 6481 and EDF 6432, moving EME 6062 to core courses, and adding RED 5147. RED course was a state requirement. Admissions requirements have been updated. There was a question asked as to what the credit hours were for similar Ed media programs across the state. The committee requested to see curriculum comparisons from several other similar programs. Dr. Lee will put together information to share with the committee at the next meeting. She did indicate that this program was the only Ed media program in Florida. A question was raised on listing the cutoff scores in the graduate catalog. The preferred wording to use is: a competitive GRE score is required. Dr. Lee indicated that listing the cutoff scores was a requirement from the Florida Department of Education. This proposal was tabled pending additional information that Dr. Lee will bring to the next meeting.
3. **Revisions to the MA in Anthropology.** Drs. Chase, Chase, and Dupras were on hand to answer questions and give a summary of the changes to the program. Tosha Dupras gave a brief overview of the changes. Changes included moving the Maya Studies track from Liberal Studies to the Anthropology program, addition of the ANG 6XXX Proseminar in Anthropology as a required core course which would change program hours from 30 to 33, and revisions of group 2 electives for each track. These changes were approved, along with the new course.
4. **Special topics and course action requests.** The special topics and course action requests were then reviewed.
 - a. **ETC 5937C Digital Cartography.** Digital cartography was tabled. This course was questioned since Engineering Technology does not offer a graduate program. The committee also questioned the Geomatics program and requested more information regarding this. Also, there appeared to be little difference between the UG and Grad course since this was a split class course.
 - b. **IDS 7692L Experiments in Biomolecular Sciences.** Dr. Bishop talked with Roseann White and got an update regarding this course. Dr. White indicated that she will define the course sections as she sets this up so that she can monitor the section numbers and hours for the students. A question was raised as to whether a master's student could take both UG and Grad. Dr. Bishop was asked to prepare a clarification memo regarding split level classes to share with the college. Course was approved.
 - c. **MCB 5937 Cellular Microbiology: Host-Pathogen Interactions.** The committee reviewed the UG and Grad course syllabi and it appeared that there was very little difference in the syllabi. This course was tabled with a request regarding more clarification on the difference between the two levels. BCBS will be notified.
 - d. **Split course policy.** The committee then reviewed policy on split classes and the requirements. Dr. Sivo suggested that a clarification on split level classes be added to the processes and procedures document for new courses and programs. Dr. Bishop will prepare wording to add to the document.
 - e. **CAP Bioinformatics Informatics and Machine Learning Methods for Bioinformatics courses.** The committee indicated that all participants should be contacted for written approval of these two courses before courses were given final approval.
 - f. **CET 6XXX Incident Response Technologies, and Operation Systems and File System Forensics.** These courses were tabled for clarification regarding the MS Digital Forensics.
5. **IDS 6XXX courses on Classroom Management for Mathematics and Science Teachers, Leadership Development for Math and Science Teachers, and Research in Math and Science Education.** A question was raised regarding whether these courses would be conflict of interest or overlapping with other Education courses. Dr. Hayes indicated that the students for these courses have different needs according to where students are coming from and that these courses are for a particular audience of students--the K-8 and T-MASS students especially. Dr. Hayes did go on to indicate that the College of Education reviewed these courses and they were tabled at their April meeting last semester for review and appropriate input from the departments in the college. They were just approved at their last college meeting. These courses received approval from the committee.
6. See attached sheet for additional course approvals.

Adjournment of meeting. The next meeting is scheduled for October 25. The meeting start time will be 12:00 p.m.

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GRADUATE COUNCIL COURSE APPROVALS FOR OCTOBER 11, 2006

All approved courses are listed below. Courses not approved are listed as 'tabled'.

Burnett College of Biomedical Sciences Special Topics

MCB 5937 **BCBS-Molecular & Microbiology** **3(3,0)**

ST: Cellular Microbiology: Host-Pathogen Interactions: PR: Graduate Standing, PCB 3522. Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis.

17 character abbreviation: **ST: CELL MICROBI**

Tabled

PCB 5937 **BCBS-Molecular & Microbiology** **3(3,0)**

ST: Molecular and Cellular Pharmacology: PR: Graduate Standing, PCB 3522. The cellular and molecular events that lead disease states and molecular basis of agents that modulate these processes will be covered.

17 character abbreviation: **ST: MOL CELL PHAR**

Engineering & Computer Science Special Topics

CAP 5937 **ECS-Computer Science** **3(3,0)**

ST: Topics in Pen-Based User Interfaces: PR: COP 4331C or C.I. Designed to give students a thorough understanding of the techniques, algorithms, and evaluation methodologies used in designing and developing pen-, sketch-, and gesture-based user interfaces.

17 character abbreviation: **ST: PEN-BASE UI**

CAP 6938 **ECS-Computer Science** **3(3,0)**

ST: Machine Learning Methods for Bioinformatics: PR: CAP 5937 (Bioinformatics) or C.I. Machine learning methods and their applications in Bioinformatics.

17 character abbreviation: **ST: ML BIOINFO**

Tabled

ETC 5937C **ECS-Engineering Technology** **3(3,1)**

ST: Digital Cartography: PR: CET 2364 or equivalent. Topics in cartography including; theoretical principles of cartography and analytical cartography.

17 character abbreviation: **ST: DIG CART**

Health & Public Affairs Special Topics

PHT 6938 **HPA-Health Professions** **1(1,0)**

ST: Special Topics in Physical Therapy - Wound Care: PR: Admission to Physical Therapy Program. Instructions in specialized care provided by physical therapists and in professional issues relevant to the contemporary practice.

17 character abbreviation: **ST: WOUND CARE**

Burnett College of Biomedical Sciences Course Action Additions

MCB 5XXX BCBS-Molecular & Microbiology 3(3,0)

Cellular Microbiology: Host-Pathogen Interactions: PR: Graduate Standing, PCB 3522. Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis.

17 character abbreviation: **CELL MICROBIO**

Tabled

PCB 5XXX BCBS-Molecular & Microbiology 3(3,0)

Molecular and Cellular Pharmacology: PR: Graduate Standing, PCB 3522. The cellular and molecular events that lead to disease states and the molecular basis of agents that modulate these processes will be covered.

17 character abbreviation: **MOL CELL PHARMACO**

College of Sciences Course Action Additions

ANG 6XXX COS-Anthropology 3(3,0)

Proseminar in Anthropology: PR: Graduate standing or C.I. Central concepts, theories, resources, and methods fundamental to cultural anthropology, human ecology, physical anthropology, and archaeology.

17 character abbreviation: **PROSEM ANTHRO**

COM 6XXX COS-Communication 3(3,0)

Interpersonal Support in the Workplace: PR: Graduate standing. Interpersonal theories relevant to understanding marginalization and building supportive relationships in the workplace.

17 character abbreviation: **INTPER SUP WKPLCE**

INR 6XXX COS-Political Science 3(3,0)

International Politics of the Caspian Sea Region: PR: Degree-seeking graduate standing or C.I. A comprehensive analysis of the political issues of the Caspian region.

17 character abbreviation: **POL CASPIAN SEA**

POS 6XXX COS-Political Science 3(3,0)

Advanced Topics in Quantitative Political Analysis: PR: Admission to the Graduate Program AND successful completion of POS 6746, or equivalent, or C.I. Advanced topics in quantitative political analysis, including OLS variants, regression problems, time series, limited dependent variables and SPSS.

17 character abbreviation: **QUANT POL ANALYS**

Engineering & Computer Science Course Action Additions

CES 5XXX ECS-Civil & Environmental 3(3,0)

Matrix Methods for Structural Analysis: PR: CES 4100C or C.I. Implementation of the matrix methods for structural analysis that are commonly and currently used in practice and in research, special topics such as finite element formulations, special analysis procedures, and use of software packages.

17 character abbreviation: **MATRIX STR ANL**

CES 6XXX **ECS-Civil & Environmental** **3(3,0)**

Nonlinear Structural Analysis: PR: CES 4101 or CES 5XXX (Matrix Methods for Structural Analysis) or C.I. Structural nonlinear analysis theory and applications, including material and geometric nonlinearity, numerical methods and solution strategies, inelastic element formulation, and use of software packages.

17 character abbreviation: **NONLINE STR ANL**

ENV 5XXX **ECS-Civil & Environmental** **3(3,0)**

Solid Waste Management: PR: ENV 3001. Engineering design, planning, and analysis problems associated with storage, collection, processing, and disposal of solid wastes.

17 character abbreviation: **SOLID WASTE MGMT**

Tabled

CAP 5XXX **ECS-Computer Science** **3(3,0)**

Bioinformatics: PR: Background in programming language or molecular biology. This course introduces problems, concepts, algorithms, and applications in Bioinformatics. It covers essential topics such as sequence alignment and prediction of gene and protein structure.

17 character abbreviation: **BIOINFORMATICS**

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

Machine Learning Methods for Bioinformatics: PR: CAP 5XXX (Bioinformatics) or C.I. Machine learning methods and their applications in Bioinformatics.

17 character abbreviation: **ML BIOINFO**

EEL 5XXX **ECS-Electrical & Computer Eng** **3(3,0)**

Biomedical Nanotechnology: PR: EEL 3306 or C.I. Human Physiology, Bioelectric Phenomena and Neurons, Nanoelectronics for fabrication of biochips for human biomedical applications, self-assembly, bioelectronics, moral and ethical issues.

17 character abbreviation: **BIONANOTECHNOLOGY**

Tabled

CET 6XXX **ECS-Engineering Technology** **3(3,0)**

Incident Response Technologies: PR: CGS 5131 or C.I. This course covers security incidents and intrusions. Topics include : identifying and categorizing incidents; responding to incidents; log analysis; network traffic analysis; and tools

17 character abbreviation: **INCIDENT RESPONS**

Tabled

CET 6XXX **ECS-Engineering Technology** **3(3,0)**

Operation Systems and File System Forensics: PR: CGS 5131 or C.I. In-depth coverage of computer forensics-related issues associated with multiple operating systems, multiple file systems, and applications.

17 character abbreviation: **OP&FS FORENSICS**

Education Course Action Additions

SDS 6XXX **ED-Child, Family & Comm Sci** **1-6(1, 1-6)**

Internship in Professional School Counseling: PR: MHS 5005, MHS 6400, MHS 6401, MHS 6500, MHS 6702, MHS 6803, SDS 6620. Supervised fieldwork experience in professional school counseling, emphasizing experiences that support the development of student interns' counseling competencies and delivery of comprehensive services to all students. May be repeated for credit. Graded S/U.

17 character abbreviation: **INTRNSHP IN PSC**

EDF 7XXX **ED-Educational Studies** **3(3,0)**

Analysis and Synthesis of Educational Literature: PR: Doctoral standing or C.I. Students will learn to find, select, critically analyze, and synthesize educational research and scholarship.

17 character abbreviation: **ANL/SYNTH ED LIT**

IDS 6XXX **ED-Teaching & Learning Princ** **3(3,0)**

Classroom Management for Mathematics and Science Teachers: PR: Graduate standing or C.I. Teacher candidates will engage in critical examination of current school and classroom organization and management models, methods, and strategies in middle school. Causes and solutions to disruptive and noncompliant behaviors will be discussed.

17 character abbreviation: **CLAS MGMT MTHSCI**

IDS 6XXX **ED-Teaching & Learning Princ** **3(3,0)**

Leadership Development for Mathematics and Science Teachers: PR: Graduate standing or C.I. Development of mathematics and science teachers' abilities to assume teacher leadership roles in their schools.

17 character abbreviation: **LD DEV MTH SCI**

IDS 6XXX **ED-Teaching & Learning Princ** **3(3,0)**

Research in Mathematics and Science Education: PR: Graduate standing or C.I. Support provided for graduate students in mathematics and science education as they plan and/or implement research projects.

17 character abbreviation: **RES MATH SCI ED**

Health & Public Affairs Course Action Additions

PHT 6XXX **HPA-Health Professions** **1(1,0)**

Wound Care and Professional Issues: PR: Admission to Physical Therapy program. Instruction in specialized care provided by physical therapists and in professional issues relevant to the contemporary practice.

Materials & Supply Fee proposed: \$45.00

17 character abbreviation: **WOUND CARE**

PAF 7XXX HPA-Public Affairs 3(3,0)

Decision Informatics in Public Affairs: PR: Admission to Ph.D in Public Affairs or C.I. Decision theory and diagnostic test evaluation fundamentals applied to health/medical informatics and public affairs - including formal metrics (e.g. sensitivity and specificity) essential for decision support.

17 character abbreviation: **DEC INFORMATIC PA**

Rosen College of Hospitality Management Course Action Additions

HFT 6XXX RCHM-Tourism, Events & Attract 3(3,0)

Tourism Industry Analysis: PR: Graduate standing. Quantitative impact analysis of tourism as an industry in the regional/national economy along the Tourism Satellite Accounts concept.

17 character abbreviation: **TOURSM IND ANLYS**

Burnett College of Biomedical Sciences Course Action Revisions

IDS 7692L Experiments in Biomolecular Sciences ~~3(0,6)~~

1-3(0,1-3)

PR: Admission to Biomolecular Sciences Ph.D. program.

~~Interdisciplinary collaboration between chemistry, biology, and molecular and microbiology involving laboratory rotation~~ Laboratory rotations in one to three labs: research laboratories throughout the first year of the Biomedical Science doctoral program. Graded S/U. May be repeated for credit. Graded S/U. credit a maximum of 3 times.