

# UCF Graduate Council

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## CURRICULUM COMMITTEE MINUTES

### Minutes of October 15, 2009 meeting

**Members Present**

Deborah Breiter, Susan Chase, Naim Kapucu, Ram Mohapatra, Joyce Nutta, Max Poole, Tison Pugh, Sergio Tarfur, Harry Weger

**Recorder**

Rhonda Nelson

**Guests Present**

Keith Koons, Stephen Holmes, Eric Hoffman, Frank Logiudice, Christopher Niess, Wendell Lawther

**Files**

[2009-10-15 Course Action Requests Minutes](#) 

**Welcome and call to order.** The meeting was called to order at 12:30 p.m. by Ram Mohapatra, chair, who welcomed guests and established a quorum. The minutes of the last meeting were approved.

**Reactivation of the MFA Theatre Acting Track beginning fall 2010.** Christopher Niess from Theatre explained that due to a re-assignment of faculty loads in the department, they are now able to reactivate this track beginning fall 2010. The reactivation was approved.

**Program revision to Masters in Nonprofit Management beginning summer 2010, COHPA – increasing credit hours from 33 to 36.** Wendell Lawther, Public Administration, explained that raising the credit hours from 33 to 36 brings this program in line with the standards set by the National Association of Schools of Public Affairs and Administration. One elective was added. This revision will be implemented summer 2010. This revision was approved.

**Joint degree program between the Master of Public Administration and the Master of Nonprofit Management, COHPA effective summer 2010.** Wendell Lawther explained the proposed program indicating that students will be able to complete both programs by sharing core courses. The joint degree request was approved.

**Addition of two split classes for the College of Sciences: PCB 5935 and BSC 5332.** Frank Logiudice, Biology, summarized the reason for the split courses which included accommodating a burgeoning number of undergraduate students with few senior level courses and a declining population of Biology masters students. Dr. Logiudice indicated that three more graduate courses may be taught as split courses. The committee was very concerned that Biology was weakening their graduate courses in an attempt to address their resource issue. Numerous questions were asked about the effect the large undergraduate enrollment will have on the ability of the graduate students to receive quality graduate-level instruction. Dr. Logiudice offered to cap the courses at 25 undergraduate students. The committee approved the two courses for split-delivery but said that they would approve no more from Biology until these were offered and the department presents evidence that the rigor expected in graduate courses was maintained and the number of graduate students was not disproportionate compared to the undergraduate enrollment.

**Split classes for Music.** Tabled until next meeting.

**Review of courses and special topics.** For a complete list of courses approved, review the attachment listed at the top of this page.

**Criminal Justice course (CCJ 5XXX).** Dr. Holmes gave a summary of this course and it was approved.

**Optimization course (EEL 6XXX).** This course was tabled in the spring pending a confirmation from the Department of Mathematics that it did not conflict with a related Math course. The department indicated that there was no conflict between this new course proposed by CECS and one already in place in the Math Department. CECS changed the name of this course and made some edits from last time. This course was approved.

**Announcements and adjournment.** The meeting was adjourned at 1:30 p.m.

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## **Graduate Council Curriculum Committee** **Course Minutes for 10-15-2009**

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

### **College of Medicine Special Topics**

**PCB 6938 Sect 01 COM-Molecular & Microbiology 3(3,0)**

**ST: Structure Bioinformatics:** PR: PCB 6596 or equivalent. Focus on tools and resources in RNA and protein structure analyses.*Occasional.*

30 character abbreviation: **ST: Structure Bioinformatics**

*AGENDA NOTES: Course Addition also being proposed.*

### **Engineering & Computer Science Special Topics**

**CEG 5937 Sect 01 ECS-Civil & Environmental 3(3,0)**

**ST: Seepage in Soils:** PR: CEG 4011C. Principles of flow through soils; flow nets, analytical solutions; seepage forces, design of filters and drainage layers; dewatering, drainage in dams, embankments, and pavement systems.*Occasional.*

30 character abbreviation: **ST: Seepage in Soils**

*AGENDA NOTES: Course Addition also being proposed.*

### **College of Education Special Topics**

**ADE 5937 Sect 01 ED-Teaching & Learning Princ 3(3,0)**

**ST:Planning and Development of Adult Education Programs:** PR: Graduate standing or C.I. This is a three credit hour graduate course in Adult Education. The course emphasizes curriculum development and program structuring for adult education administrators and facilitators. May be used in the degree program a maximum of 3 times only when course content is different.*Occasional.*

30 character abbreviation: **ST:Plan & Dev Adult Educ Pgm**

**EVT 6938 Sect 01 ED-Teaching & Learning Princ 3(3,0)**

**ST:Organization and Administration in Adult and Community Education:** PR: Graduate standing or C.I. This is a three credit hour graduate course in Adult Education. It addresses the principle and processes essential for effective management and will explore the interpersonal and intrapersonal experiences and processes necessary for leadership. May be used in the degree program a maximum of 3 times only when course content is different.*Occasional.*

30 character abbreviation: **ST:Org & Admin Adult & Commun**

**EDH 6938 Sect 01 ED-Ed Research, Tech & Lead 3(3,0)**

**ST:Retention Strategies in Colleges and Universities:** PR: Graduate status. Analyzing educational and political ramifications of college attrition, with focus on variation in retention practices and strategies.*Occasional.*

30 character abbreviation: **ST:Retention Strat Coll & Univ**

*AGENDA NOTES: Course Addition also being proposed.*

### **Health & Public Affairs Special Topics**

**CCJ 5937 Sect 01 HPA-Criminal Justice/Legal St 3(3,0)**

**ST:Personnel Management in Criminal Justice Organizations:** PR: Graduate Standing or C.I. This course provides a general overview of the issues and problems in the management of criminal justice agencies with an emphasis on best practices.*Spring.*

30 character abbreviation: **ST:Personnel Management in CJ**

*AGENDA NOTES: Course Addition also being proposed.*

### **College of Arts & Humanities Course Action Additions**

*All Music courses were tabled and will be reviewed at the next meeting. Note that these are all split classes.*

**MUH 5XXX CAH-Music 3(3,0)**

**Development of Opera:** PR: Graduate standing in Music or C.I. An in-depth examination of Western European opera, from its origins around 1600 until the present day.*Even Spring.*

30 character abbreviation: **Development of Opera**

**MUL 5XXX CAH-Music 3(3,0)**

**Brass Literature and Pedagogy:** PR: Graduate Standing in Music or C.I. Significant brass repertoire, study materials and a review of teaching techniques for artistic brass performance.*Even Fall.*

30 character abbreviation: **Brass Literature and Pedagogy**

**MUL 5XXX CAH-Music 3(3,0)**

**String Literature and Pedagogy:** PR: Graduate standing in Music or C.I. Study of string literature from the Baroque period to the 20th century, along with prominent pedagogical principles.*Odd Fall.*

30 character abbreviation: **String Literature and Pedagogy**

**MUL 5XXX CAH-Music 3(3,0)**

**Woodwind Literature and Pedagogy:** PR: Graduate standing in Music or C.I. Major works written for woodwind instruments, as well as the study of the basic concepts and techniques fundamental to teaching woodwind instruments.*Odd Spring.*

30 character abbreviation: **Woodwind Literature & Pedagogy**

**MUT 5XXX CAH-Music 3(3,0)**

**Counterpoint:** PR: Graduate standing in Music or C.I. Principles of counterpoint and the study of contrapuntal styles in Western music from the 16th century to the present day.*Even Spring.*

30 character abbreviation: **Counterpoint**

**MUT 5XXX CAH-Music 3(3,0)**

**Orchestration:** PR: Graduate standing in Music or C.I. Study of the various instruments commonly found in orchestras and wind ensembles and how to write for these instruments in combination.*Odd Spring.*

30 character abbreviation: **Orchestration**

**MVK 5XXX CAH-Music 2(2,0)**

**Piano Pedagogy:** PR: Graduate standing in Music or C.I. Techniques, methods, and experiences of former and current pedagogues to equip students for current or future piano teaching.*Even Spring.*

30 character abbreviation: **Piano Pedagogy**

**MVV 5XXX CAH-Music 2(3,0)**

**Voice Pedagogy:** PR: Graduate standing in Music or C.I. Vocal function, anatomy, and pedagogical methodology with application to the voice teacher and performer. *Odd Spring.*

30 character abbreviation: **Voice Pedagogy**

### **College of Medicine Course Action Additions**

**BMS 6XXX**      **COM-All departments in COM**      **5(5,0)**

**S-3: Cardiovascular and Pulmonary System:** PR: Completion of M-1 Term. The CardioPulmonary Module is an integrated, multidisciplinary, overview of medically-relevant cardiovascular and pulmonary conditions. *Occasional.*

30 character abbreviation: **S 3: Cardio/Pulmonary System**

**BMS 6XXX**      **COM-Medicine 5(5,0)**

**I-2: Focused Individualized Research Experience (F.I.R.E.):** PR: I-1: Individual Research (BMS 6910). This course provides the training and mentorship enabling medical students to successfully complete rigorous, independent, scholarly research projects in fields of individual passion. *Occasional.*

30 character abbreviation: **I-2: Research Module**

**BMS 6XXX**      **COM-Medicine 8(8,0)**

**P-2: Practice of Medicine:** PR: Completion of M-1 Term. P-2: Practice of Medicine is a year long module which teaches advanced clinical examination techniques and clinical reasoning skills integrated with organ systems modules. *Occasional.*

30 character abbreviation: **P-2: Practice of Medicine**

**BMS 6XXX**      **COM-Medicine 5(5,0)**

**S-2: Endocrine/Reproductive System:** PR: Completion of M-1 Term. The S-2 module is an integrated overview of diseases of the endocrine, reproductive, and genital systems. Pathology, pathophysiology, pharmacology, and clinical medicine disciplines are included. *Occasional.*

30 character abbreviation: **S 2: Endo/Reproductive System**

**BMS 6XXX**      **COM-Medicine 5(5,0)**

**S-3: Cardiovascular and Pulmonary Systems:** PR: Completion of M-1 Term. The Cardio/Pulmonary module is an integrated, multidisciplinary, overview of medically-relevant cardiovascular and pulmonary conditions. *Occasional.*

30 character abbreviation: **S-3: Cardio/Pulmonary Systems**

**BMS 6XXX**      **COM-Medicine 5(5,0)**

**S-4: Gastrointestinal/Hepatic/Renal Systems:** PR: Completion of M-1 Term. The module is one of six organ-system based modules scheduled for the M2 and end of M1 years. The module provides overview of diseases of the gastro and renal systems. *Occasional.*

30 character abbreviation: **S 4: Gastro/Hepatic/Renal**

**BMS 6XXX**      **COM-Medicine 4(4,0)**

**S-5: Skin and Musculoskeletal System:** PR: Completion of M-1 Term. The S-5 module is an integrated overview of diseases and disorders affecting the skin, connective tissues, and musculoskeletal systems. *Occasional.*

30 character abbreviation: **S 5: Skin & Musculoskeletal**

**BMS 6XXX**      **COM-Medicine 6(6,0)**

**S-6: Neurologic Systems:** PR: Completion of M-1 Term. This module integrates foundational principles of basic clinical neuroscience relevant for understanding normal nervous system function and the pathophysiologic basis of nervous system disorders.*Occasional.*

30 character abbreviation: **S-6: Neurologic Systems**

**IDS 6XXX**      **COM-Molecular & Microbiology**      **2(2,0)**

**Experimental Design & Analysis in Biomedical Sciences:** PR: Graduate standing in Biomolecular Sciences Ph.D. or C.I. Problem-based graduate course focused on how to effectively design experiments and analyze data for hypothesis-driven research in biomedical sciences. Graded S/U.*Spring.*

30 character abbreviation: **Exp Design & Analy in Sciences**

**PCB 6XXX**      **COM-Molecular & Microbiology**      **3(3,0)**

**Structure Bioinformatics:** PR: PCB 6596 or equivalent. Focus on tools and resources in RNA and protein structure analyses.*Occasional.*

30 character abbreviation: **Structure Bioinformatics**

*AGENDA NOTES: Special Topic also being proposed.*

### **Engineering & Computer Science Course Action Additions**

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

**Seepage in Soils:** PR: CEG 4011C. Principles of flow through soils; flow nets, analytical solutions; seepage forces, design of filters and drainage layers; dewatering, drainage in dams, embankments, and pavement systems.*Even Spring.*

30 character abbreviation: **Seepage in Soils**

*AGENDA NOTES: Special Topic also being proposed.*

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

**Environmental Informatics and Remote Sensing:** PR: Graduate standing. Discussion of how the environmental informatics, including hydroinformatics, can be applied for sustainable decision making with the emphasis on remote sensing, GIS, expert systems, decision support systems, data mining, and environmental management.*Occasional.*

30 character abbreviation: **Envir & Remote Sensing**

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

**Optimization of Engineering Systems:** PR: Graduate standing and C.I. An unified treatment of optimization methods often used to solve problems in engineering and applied sciences. Software packages are used when appropriate.*Occasional.*

30 character abbreviation: **Optimiz Engineering Systems**

### **College of Education Course Action Additions**

**EDH 6XXX**      **ED-Ed Research, Tech & Lead**      **3(3,0)**

**Retention Strategies in Colleges and Universities:** PR: Graduate status. Analyzing educational and political ramifications of college attrition, with focus on variation in retention practices and strategies.*Occasional.*

30 character abbreviation: **Retention Strat Coll & Univ**

*AGENDA NOTES: Special Topic also being proposed.*

### **Health & Public Affairs Course Action Additions**

**CCJ 5XXX**      **HPA-Criminal Justice/Legal St**      **3(3,0)**

**Personnel Management in Criminal Justice Organizations:** PR: Graduate standing or C.I. This course provides a general overview of the issues and problems in the management of criminal justice agencies with an emphasis on best practices.*Spring.*

30 character abbreviation: **Personnel Management in CJ Org**

*AGENDA NOTES: Special Topic also being proposed.*

### **College of Medicine Course Action Revisions**

**BMS 6001 HB-1 Molecules to Cells 5(5,0)**

PR: Matriculation in the College of Medicine M.D. Program.

~~Students will be introduced to the biomolecular structure in biochemistry, molecular biology, genetics and the principles of medical informatics, and their application to biomedical science.~~

The HB1 Module is an integrated, multidisciplinary, review of the basic sciences of biochemistry, molecular biology, genetic, nutrition, pharmacology and cell biology underpinning modern medicine.

**BMS 6002 HB-2 Structure and Function 11(11,0)**

PR: Matriculation in the College of Medicine M.D. program.

~~An integrated module with a curriculum that includes Clinical Anatomy, Embryology, Microanatomy, Physiology, Neurosciences, and Radiology using and Neurosciences using medical imaging, clinical presentations, lectures, small-group sessions, team-based learning sessions.~~ sessions

**BMS 6015 P-1 Practice of Medicine 7(7,0)**

PR: Matriculation in the College of Medicine M.D. program.

~~Year long longitudinal instruction in communication, examination, recording skills including medico legal, socioeconomic, cultural/ethical, psychosocial and personal issues influencing physician and patient interaction.~~

Extending throughout the first year of medical school, this module includes skills training in medical interviewing and physical examination while also addressing the context of the medical practice.

**BMS 6910 I-1 Individual Research 5(5,0)**

**I-1 Focused Individual Research (F.I.R.E.)**

PR: Matriculation in the College of Medicine M.D. program.

~~This course will provide training, tools, provides the training and mentorship for enabling medical students to successfully conduct a complete rigorous, independent, and scholarly biomedical research project of their choice.~~ scholarly research projects in fields of individual passion.

30 character abbreviation: **I-1 Individual Research** \_\_\_\_\_

**Tabled** – requesting details of what has changed in contents of this course.

**BSC 6431 Practice of Biomolecular Science 2(2,0)**

**3(3,0)**

PR: Graduate standing.

Introduces students to the practice of biomolecular science. Graded S/U.

### **College of Sciences Course Action Revisions**

*Approved with changes to the syllabus.*

**PCB 5935 ~~Current Research in Population Genetics and Evolution~~ 3(3,0) SPLIT CLASS**  
**Population Genetics**

~~PR: Genetics and Population Biology or graduate standing in Biology.~~ PR: Admission to the MS Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I.

~~Fundamentals of population genetics and application to evolutionary theory.~~

Population genetics and the study of the various forces that result in evolutionary changes through time.

30 character abbreviation: **Population Genetics**

**College of Education Course Action Revisions**

**SPS 6191 Individual Psychoeducational Diagnosis I 4(4,0)**

PR: Graduate admission and C.I. CI. CR: SPS ~~6206~~: 6946.

~~Measurement of intellectual students' achievement and cognitive functioning of children and adults. Administration, scoring~~ functioning. Administration, scoring, and interpretation of Wechsler scales and selected psychometric instruments: contemporary iterations of achievement and processing measures used in school psychology.

**SPS 6192 Individual Psychoeducational Diagnosis II 4(4,0)**

PR: Graduate admission and C.I. CR: SPS ~~6948~~: 6946.

~~Measurement of functioning of children and adults. students' intellectual and cognitive Binet IV, K-ABC, Woodcock-Johnson, and other psychometric instruments.~~ functioning. Administration, scoring, and interpretation of contemporary iterations of IQ measures used in School Psychology.

**SPS 6206 Psychoeducational Interventions 3(3,0)**

~~PR: SPS 6191.~~ PR: Graduate admission and CI.

~~This course will enable school psychology students to link psychoeducational assessment results to appropriate prescriptive interventions.~~

This course will enable school psychology students to link psychoeducational assessment results to systematic, evidence-based psychoeducational interventions to improve student functioning.