


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of November 26, 2008 meeting

Members Present	Patricia Bishop, Ram Mohapatra, Max Poole, Tison Pugh, James Turkson, Art Weeks
Recorder	Rhonda Nelson
Guests Present	Myron Fotler, Charles Kelliher, Tad Hara, Yan Fernandez, Paul Rompf, Stephen Holmes, Michael Georgiopoulos, Jamal Nayfeh, Ana Leon, Estelli Ramos
Files	2008-11-26 Course Action Requests Minutes 

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

Minutes. The minutes of the November 12 meeting were approved.

Addition of a twinning agreement with Portugal, RCHM. This agreement was tabled at the last meeting pending discussion with the Business Administration College. Dr. Rompf reported that their college shared the agreement with the Business Administration College. They approved of the agreement requesting that one additional statement be added to the agreement. This agreement received unanimous approval with one change.

Revisions to the MS in Accounting, CBA. Charles Kelliher presented a summary of the curriculum revisions to this proposal. This proposal received unanimous approval.

Revisions to the MS in Taxation, CBA. Charles Kelliher presented a summary of the curriculum revisions to this proposal. He indicated that both specializations would be deleted. The committee requested that, for the catalog copy, the specializations be added back into the proposal showing that they were deleted using track changes. This proposal received unanimous approval with requested changes.

Addition of a new track to the MS in EI Engineering/MS in Engineering track, CECS. Michael Georgiopoulos presented a summary of this online track offered through Continuing Education. A question was asked if a student on campus could take these courses. The answer was that they could not. Discussion was held on what would happen if the track did not get an adequate amount of students and how this would be handled. Dr. Georgiopoulos indicated that the program would be able to start with an adequate number of students. A question was raised regarding the prerequisites for the business courses. Dr. Georgiopoulos indicated that discussion had been held with Cameron Ford and Jai Ganesh on this. The committee requested that the statement be deleted that reads "courses can be offered face to face." And add in, "students have the option of taking one course using the FEEDS system." This proposal received unanimous approval with the changes as discussed.

Industrial Engineering MS program. This item was shared as an informational item. Dr. Bishop shared that this program was already in place but the department was requesting five separate HEGIS codes in order to track the students in cohort groups.

Equipment Fee Requests. Dr. Nayfeh presented information regarding the equipment requests for CECS. All requests were approved with no changes. After approving the fee requests, discussion was held on whether departments were asked to submit reports at the end of the year on their equipment fees. The committee agreed that this should be a requirement.

Courses and special topics. 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 1:05 p.m. No additional meetings are scheduled for fall.

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Graduate Curriculum Committee

Course Minutes 11-26-08

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

College of Arts & Humanities Special Topics

EUH 5937 Sect 01 CAH-History 3(3,0)

ST:Colloquium in French History: PR: Graduate standing or C.I. Readings in selected topics in French History. May be used in the degree program a maximum of 3 times only when course content is different.

30 character abbreviation: **ST:Colloq in French History**

AGENDA NOTES: Course Addition also being proposed.

College of Medicine Special Topics

Tabled – requested clarification on description.

MCB 5937 Sect 01 COM-Molecular & Microbiology 1(1,0)

ST: Industrial Perspectives Seminar: PR: Biotechnology M.S. students. Learning concepts of basic research and drug development in the pharmaceutical industry and a technical presentation.

30 character abbreviation: **ST: Industrial Persp Seminar**

AGENDA NOTES: Course Addition also being proposed.

PCB 5937 Sect 01 COM-Molecular & Microbiology 3(3,0)

ST: Stem Cell Biology: PR: Graduate standing. Introduction to embryonic and adult stem cells, procedures to isolate them, principles and applications of stem cells in animal and human diseases.

30 character abbreviation: **ST: Stem Cell Biology**

AGENDA NOTES: Course Addition also being proposed.

Health & Public Affairs Special Topics

HSA 6938 Sect 01 HPA-Health Mangt & Informatic 3(3,0)

ST:Healthcare Management, Professional Skills Seminar: PR: Admission to the HSA program or C.I. This seminar serves as a bridge between MSHSA course work and the world of practice, with a focus on developing career planning and professional skills.

30 character abbreviation: **ST:Hlthcare Mgmt Prof Skills S**

AGENDA NOTES: Course Addition also being proposed.

College of Business Adm Course Action Additions

ACG 6XXX BA-Accounting 3(3,0)

Advanced Managerial Accounting: PR: Graduate standing and ACG 3361. Advanced and current techniques for generation and use of accounting information in managerial decision-making.

30 character abbreviation: **Adv Managerial Accounting**

TAX 6XXX BA-Accounting 3(3,0)

Contemporary Tax Topics: PR: Graduate standing and TAX 5015. Advanced study of current tax issues affecting both business and individual taxpayers, including tax policy, pending tax legislation and tax reform.

30 character abbreviation: **Contemporary Tax Topics**

TAX 6XXX BA-Accounting 3(3,0)

Multi-jurisdictional Taxation: PR: Graduate standing and TAX 4001. Study of tax issues involved when business enterprises operate in multiple taxing jurisdictions. Principles of both multi-state and international income taxation.

30 character abbreviation: **Multi-jurisdictional Taxation**

TAX 6XXX BA-Accounting 3(3,0)

Taxation of Flow-thru Entities: PR: Graduate standing and TAX 5015. Federal taxation relating to operations, formation, distribution, retirements and liquidations of flow-thru entities such as partnerships, limited liability companies, and S corporations.

30 character abbreviation: **Taxation of Flow-thru Entities**

College of Arts & Humanities Course Action Additions

Tabled clarification on why course may be repeated 5 times.

DIG 6XXX CAH-Digital Media 3(3,0)

Theory & Application of Interactive Performance: PR: SFDM MFA or MA, or C.I. Study of theory and application of concepts for interactive digital media design using scenario construction, character development, and technology. May be used in the degree program a maximum of 5 times only when course content is different.

30 character abbreviation: **Theory & App Interact Perf**

AGENDA NOTES: Special Topic also being proposed.

FIL 5XXX CAH-Film Program 1(1,0)

Graduate Seminar: PR: Admission to MFA Film & Digital Media/Entrepreneurial Digital Cinema track, or C.I. Strategies for a successful graduate experience, and forum for modes of inquiry, film technique, production and distribution issues; and thesis defense preparation. Graded S/U. May be used in the degree program a maximum of 6 times.

30 character abbreviation: **Graduate Seminar**

AFH 5XXX CAH-History 3(3,0)

Colloquium in African History: PR: Graduate standing or C.I. Readings on selected topics in African History. May be used in the degree program a maximum of 3 times.

30 character abbreviation: **Colloquium in African History**

EUH 5XXX CAH-History 3(3,0)

Colloquium in French History: PR: Graduate standing or C.I. Readings in selected topics in French History. May be used in the degree program a maximum of 3 times.

30 character abbreviation: **Colloq in French History**

AGENDA NOTES: Special Topic also being proposed.

College of Medicine Course Action Additions

Tabled – requested clarification on description.

MCB 5XXX COM-Molecular & Microbiology 1(1,0)

Industrial Perspectives Seminar: PR: Biotechnology MS Students. Learning concepts of basic research and drug development in the pharmaceutical industry and technical presentation.

30 character abbreviation: **Industrial Persp Seminar**

AGENDA NOTES: Special Topic also being proposed.

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

Stem Cell Biology: PR: Graduate standing. Introduction to embryonic and adult stem cells, procedures to isolate them, principles and applications of stem cells in animal and human diseases.

30 character abbreviation: **Stem Cell Biology**

AGENDA NOTES: Special Topic also being proposed.

College of Sciences Course Action Additions

AST 5XXX COS-Physics 3(3,0)

Advanced Observational Astronomy: PR: Graduate standing in the Physics department or C.I. Experimental design and experimental techniques in astrophysics; spherical astronomy; physics of telescopes and of common astronomical detectors; error analysis.

30 character abbreviation: **Adv Observational Astronomy**

AST 5XXX COS-Physics 3(3,0)

Extrasolar Planets and Brown Dwarfs: PR: Admission to Physics M.S. or Physics Ph.D., or C.I. Substellar-mass objects, their formation, evolution, dynamics, detection, and environments.

30 character abbreviation: **Extsolar Planets & Brown Dwarf**

Tabled – department wants to change to a 5000 level course.

PHY 6XXXC COS-Physics 3(2,2)

Theory and Computations of Molecular Wavefunctions: PR: Undergraduate Quantum Mechanics or Physical Chemistry or C.I. Approximate method of solving electronic Schrodinger equation for molecular systems: Hartree-Fock and semiempirical methods, basis sets, multireference wavefunction theory methods, potential surfaces, electronic transitions.

30 character abbreviation: **Molecular Wavefunction Theory**

AGENDA NOTES: Special Topic also being proposed.

Engineering & Computer Science Course Action Additions

Tabled

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

Network Optimization: PR: Graduate standing. Recent advances in theory and computational techniques for optimal design and analysis of large networks for computers communications, and transportation including Internet and WWW complex networks

30 character abbreviation: **Network Optimization**

College of Education Course Action Additions

Tabled – will be presented with proposal.

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

Interactive Online and Virtual Teaching Environments: PR: EME 6507. Explores issues and trends in educational and human to computer interactions theories as applied to virtual and online participatory learning environments.

30 character abbreviation: **Interact Online & Virtual Teac**

Tabled – will be presented with proposal.

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

Virtual Teaching and the Digital Educator: PR: EME 6XXX Interactive Online Teaching. Explores practical applications of instructional theories related to virtual and online participatory learning environments.

30 character abbreviation: **Virtual Teach & Dig Educator**

Health & Public Affairs Course Action Additions

HSA 6XXX HPA-Health Mngt & Informatic 3(3,0)

Healthcare Management, Professional Skills Seminar: PR: Admission to the HSA program or C.I. This seminar serves as a bridge between MSHSA course work and the world of practice, with a focus on developing career planning and professional skills.

30 character abbreviation: **Hlthcare Mgmt Prof Skills Sem**

AGENDA NOTES: Special Topic also being proposed.

SOW 6XXX HPA-Social Work 3(3,0)

Social Work Practice with Children from Birth to Age Five and their Families: PR: Graduate standing or C.I. Social Work practice and treatment of children from birth to five years of age and their families.

30 character abbreviation: **SW Pract w Children Birth to 5**

College of Business Adm Course Action Deletions

ACG 5206 BA-Accounting 3(3,0)

Seminar in Financial Reporting: PR: Acceptance for graduate study and all accounting foundation courses. An in-depth study of advanced financial reports.

ACG 5346 BA-Accounting 3(3,0)

Advanced Managerial Accounting: PR: Acceptance in the graduate program, or Accounting major or minor in term of graduation, and ACG 3361 with a grade of "C" or better and ECO 3411. Advanced and current techniques for generation and use of accounting information in managerial decision-making.

ACG 5405 BA-Accounting 3(3,0)

Advanced Accounting Information Systems: PR: Acceptance in the graduate program, or Accounting major or minor in term of graduation, and ACG 4401C. Design, analysis and evaluation of accounting information systems.

ACG 5517 BA-Accounting 3(3,0)

Financial Accounting and Auditing for Governmental and Nonprofit Organizations: PR: Acceptance in the graduate program, or Accounting major or minor in term of graduation, and ACG 3501 or consent of Graduate Program Advisor. Financial accounting and reporting for funds and

activities of governments and nonprofit organizations; financial audit of government and nonprofit organizations.

ACG 5625 BA-Accounting 3(3,0)

Auditing and EDP: PR: Acceptance for graduate study, ACG 4401C, and ACG 4651. An examination of auditing procedures followed when a company uses a computer to process financial records.

ACG 6356 BA-Accounting 3(3,0)

Seminar in Cost Accounting: PR: ACG 5346, graduate standing, and all foundation courses for the accounting program or equivalents. A study of current selected topics in cost and management accounting.

ACG 6696 BA-Accounting 3(3,0)

Seminar in Auditing: PR: ACG 6636, graduate standing, and all foundation courses for the accounting program or equivalents. A study of current auditing topics.

College of Business Adm Course Action Revisions

ACG 6415 ~~Seminar in Accounting Information Systems~~ 3(3,0)

Advanced Accounting Information Systems

~~PR: ACG 5405~~ PR: Graduate standing and ACG 6636, 4401C.

~~Study, audit, and control of enabling technologies affecting the accounting profession.~~

Evaluation of the overall risk to critical accounting and business processes posed by information technology.

30 character abbreviation: **Advanced AIS**

ACG 6519 ~~Seminar in Governmental and Nonbusiness Accounting and Auditing~~ 3(3,0)
Governmental and Nonprofit Accounting

~~PR: Graduate standing and all foundation courses for the accounting program or equivalents. ACG 3501.~~

~~Examination of current issues and topics advanced topics in governmental and nonprofit accounting with emphasis on current and future developments. public policy issues and governmental budgeting.~~

30 character abbreviation: **Govt and Nonprofit Accounting**

ACG 6636 ~~Advanced Auditing Topics~~ 3(3,0)
Advanced Auditing

PR: Graduate standing and ACG 4651, 4651and STA 2023.

~~Special topics relative to the standards, practices, and procedures followed in the audit function. Includes statistical sampling, advanced computer systems, advanced applications, and reporting problems.~~

Advanced topics on independent, external auditing including internal control, evidence, reporting, and operational auditing.

30 character abbreviation: **Advanced Auditing**

ACG 6685 ~~Seminar in Fraud Auditing~~ 3(3,0)

Fraud Auditing

~~PR: PR: Graduate standing and ACG 4651 and graduate standing. STA 2023.~~

~~Theory and techniques relating to fraud auditing and fraud examination~~

Theory and techniques relating to fraud auditing and fraud examination.

30 character abbreviation: **Fraud Auditing**

ACG 6805 Seminar in Accounting Theory 3(3,0) **Accounting Theory**

~~PR: Graduate standing and all foundation courses for the accounting program or equivalents program.~~

An examination of the evolution of contemporary accounting theory with emphasis on current and future developments.

30 character abbreviation: **Accounting Theory**

ACG 6835 Seminar in Ethics and Professionalism in Accounting and Auditing 3(3,0) **Ethics and Professionalism in Accounting and Auditing**

~~PR: CBA Masters Program of Study Foundation Core Courses.~~

This course focuses on why and how theories of the professions and theories of individual ethical decision-making are applicable to the practice of accounting.

30 character abbreviation: **Ethics & Prof in Acct & Audit**

TAX 5015 Advanced Tax Topics 3(3,0)

~~PR: Accounting major or minor, TAX 4001 or equivalent.~~ PR: Graduate standing and TAX 4001.

Advanced tax issues affecting individuals and business entities, including business entities and their owners, with a primary focus on corporations and partnerships.

College of Sciences Course Action Revisions

PSY 6918 Directed Research var

~~PR: PSY 6217, EXP 6257, PSY 6935, ten additional graduate hours in PSY, PR: Graduate standing and C.I.~~

~~Directed Research involves supervised research activity in an agency setting. The student will devote 15 hours per week in the assigned setting to work on an applied research problem with joint supervision by faculty and agency staff. May be repeated for credit.~~

Directed Research. May be repeated for credit.

Engineering & Computer Science Course Action Revisions

Tabled

COP 5537 Network Optimization 3(3,0)

~~PR: Graduate Standing or C.I.~~

~~Recent advances in the theory and computational techniques for optimal design and analysis of large networks for computers, communications, transportation, web and other applications.~~

Techniques for modeling complex, interconnected systems as networks; optimization with graph theory; algorithms, data structures, and computational complexity; statistical methods for studying large, evolving networks.

College of Education Course Action Revisions

Tabled – requested prerequisite.

EME 6507 ~~Multimedia in the Classroom~~ 3(3,0)

Multimedia for Education and Training

PR: ~~EME 6405~~ or C.I.

Emphasis on the elements and applications of multimedia programs for use by K-12 students and teachers, and technology in multiple instructional settings. Includes authoring, design, alternative delivery systems, hardware, software, and software.

30 character abbreviation: **Multimedia for Ed and Training**

LAE 6366 ~~Studies in Adolescent Literature~~ 3(3,0)

Advanced Studies in Adolescent Literature

PR: LAE 4464, ~~LAE 5465~~, or C.I. 4464 or LAE 5465.

Analysis of major works in genre, examination of criticism, instructional strategies, and research in teaching adolescent literature.

30 character abbreviation: **Advan Studies in Adol Lit**

College of Optics & Photonics Course Action Revisions

OSE 6211 ~~Fourier Optics~~ 3(3,0)

PR: Graduate standing and OSE 6XXX Interference and Diffraction or OSE 5041 or C.I.

Application of Fourier transform theory to optical systems design. Development of optical correlation techniques. Holographic techniques and applications

OSE 6225 ~~Radiation and Detection~~ 3(3,0)

Radiometry and Detection

PR: C.I. PR: Graduate standing and OSE 5203 or C.I.

Radiometry, Planck radiators, spectrometers, photon-counting statistics, detector noise analysis, detector mechanisms.

30 character abbreviation: **Radiometry and Detection**

~~OSE 5234~~ ~~Applied Optics Laboratory~~ 3(1,3)

OSE 6234C

PR: Graduate standing and OSE 5203 or C.I.

Laboratory Techniques for observing optical phenomena and quantitative experimental study of geometrical optics, optical interferometry, diffraction, and image processing.

OSE 6347 ~~Quantum Optics~~ 3(3,0)

PR: PHY 5606, ~~PHY 5346~~, ~~OSE 5511~~. PR: Graduate standing and OSE 5312 or C.I.

Semiclassical treatment of light/matter interactions (quantized atomic states plus Maxwell's equations). Density matrix theory, coherent optical transients, pulse propagation.

OSE 6457 ~~Photonic Signal Processing~~ 3(3,0)

PR: Graduate standing and EEL 3470 or PHY 4324 or OSE 5041 or OSE 6111 or C.I.

Design, building and testing of photonic information processing systems using fiber-optics bulk polarization optics, acousto-optics, liquid crystals, micromirrors, and integrated optics.

OSE 6536 Semiconductor Lasers 3(3,0)

~~PR: Optics Majors or C.I.~~ PR: Graduate standing and OSE 5312 or OSE 6525 or OSE 5414 or C.I.
Light-matter interaction, thermal physics and solid state physics to understand, analyze, and engineer semiconductor lasers with different active region dimensionalities.

~~OSE 5115~~ **Interference and Diffraction 3(3,0)**

OSE 6XXX

PR: Graduate ~~status or senior standing,~~ standing in Optics or C.I.
Interference of light, optical interferometry, Fraunhofer and Fresnel scalar diffraction, diffraction gratings, temporal coherence, spatial coherence, and partial coherence.