Minutes, November 22, 2004

Attendance: Ram Mohapata, Linda Savage, Lea Witta, Charles Reilly, Patricia Bishop, Ben Morgan. Guests: Myron Fottler, Susan Hubbard, Wilfred Wienke, Cynthia Pearl, Jane Lieberman.

Handouts: New degree proposal for the MFA in Creative Writing; Course revision to the MA in Art Education, Mathematics Education, Music Education, Science Education, and Social Science Education; Course revisions to the M.S. in Health Services Administration, Autism course syllabi, and CARs and STs.

1. The meeting began at 12:00 noon in 243 Millican Hall. Dr. Mohaptra began the meeting and introduced the first presenter.

2. Course revisions to the M.S. in Health Services Administration – Myron Fottler attended this meeting and summarized the changes. This proposal requests to add one elective course, to add a required internship, to delete two required courses, and to change one course title. These changes were approved.

3. New degree proposal for the MFA in Creative Writing – Susan Hubbard attended the meeting and gave an overview of this proposal. This proposal is a request to convert the current Creative Writing track to the M.A. in English to a freestanding MFA in Creative Writing. This proposal is a primary part of the 2004 program review of the Department of English. No new faculty are needed to initiate this conversion. No additional facilities and resources are required to convert this track to an MFA. Soft start planned for summer 2005. The MA Creative Writing track will be phased out. Current students will have the opportunity to move into this program. This proposal was approved with changes as recommended by the Graduate Council.

4. Course revision to the MA in Art Education, Mathematics Education, Music Education, Science Education, and Social Science Education – the College of Education is requesting to change the TSL course requirement (change TSL 5345 to TSL 5373). This change is being initiated because of guidance received from the Florida Department of Education, and will also provide quality enhancement to the program. This proposal was approved by the council.

5. Nature of Autism: Theory and Application course from Education and the Issues in Autism course from the College of Health and Public Affairs was reviewed by the council. Cynthia Pearl, Wilfred Wienke, and Jane Lieberman were available to answer questions from the council. Dr. Wienke shared that the Education course focused on theory and teaching application. This course will fulfill the requirements for state endorsement in autism. The council suggested that Education may want to consider adding the wording “instructional application” or “teaching application” to this course to convey the audience in the title. Both courses were approved by the council.

6. CARs and STs – see attached sheet for approvals of courses and special topics.

7. Course policy guidelines – the council will review the current guidelines at the next meeting to consider adding language on repeatability of credit and online courses. Dr. Morgan was asked to talk with Dr. Schell regarding UG wording, and will draft some wording for this.

8. Meeting adjourned at 1:45 p.m.
Special Topic and Course Action Requests
November 22, 2004

Special Topic Requests

SPA 6938  HPA-Communicative Disorders   3(3,0)

FIN 6938 BA-Finance 1.5(1.5)

MAN 6938 BA-Management  1.5(1.5,0)
ST: Conflict Resolution and Negotiation: PR: Graduate Standing. Course provides an understanding of conflict resolution and negotiation issues with an emphasis on the application of conflict resolution and negotiation processes. Approved.

MAN 6938 BA-Management  1.5(1.5,0)
ST: Organizational Behavior: PR: Graduate Standing. Study of the behavior of individual groups, and the interactions between them. Students will be exposed to the theories behind the "people skills" for effective management. Approved.

Course Action Request Additions

PCB 5XXXC AS-Biology 4(3,2)
Quantitative Conservation Biology: PR: MAC 2311, PCB 3034, STA 2014 or C.I. Current methods of data analysis and modeling to evaluate biological population dynamics. May be repeated for credit once. Tabled pending clarification. Since the course is only repeatable once, the council suggested considering this as two courses. Quantitative Conservation Biology I, and Conservation Biology II.

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. Approved.

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

SPA 6XXX HPA-Communicative Disorders 3(3,0) Issues in Autism: PR: Graduate Status. Study of the diagnosis, testing and intervention strategies for autism and related disorders. Approved.

Course Action Request Revisions

ENG 6811 AS-English 3(3,0) Cultural Contexts in Texts and Technology: PR: Graduate standing or C.I. Selected cultural contexts in which texts and technologies converge and where reciprocal mediation, definition, or transformation occurs. May be repeated for credit one time. Tabled pending additional feedback from department. Since this course can be repeated only once, the council suggested considering a I and II course.

ECM 6308 ECS-Electrical & Computer Sci 3(3,0) Current Topics in Parallel Processing: PR: C.I. Research topics in parallel architectures, including, but not limited to, systolic architectures, wavefront arrays, interconnection networks, reconfigurable architectures and fast algorithms. May be repeated for credit. Tabled pending repeatable question. Tabled again. Waiting for feedback from department.

HSA 5XXX HPA-Health Professions 3(3,0) Health Care Decision Sciences and Knowledge Management: PR: Graduate standing. Emphasis on development of a general systematic approach to solving problems under uncertainty. The role of informatics and application of information technology in improving managerial decision making process will be presented. May be repeated for credit. Course tabled pending a question on what gets repeated in the course. If the content changes each time, who decides the content and who approves it.

HFT 7XXX UCF-Hospitality Management 3(3,0) Strategies & Tactics: Foodservice: PR: Change admission to Ph.D. in Business Administration to Admission to the Ph.D. program in Hospitality Education. Extensive review of the theoretical and empirical literature related to current strategies and operations of food service enterprises throughout the world. Tabled pending question on prereq. change.

HFT 7XXX UCF-Hospitality Management 3(3,0) Strategies & Tactics: Guest Service Management: PR: Change admission to Ph.D. in Business Administration to Admission to Ph.D. program in Hospitality Education. Comprehensive review of the theory, methods, and research findings related to the management of guest service organizations, with special emphasis on hospitality and tourism enterprises. Tabled pending question on prereq. change.
HFT 7XXX UCF-Hospitality Management 3(3,0)
Strategies & Tactics: Lodging: PR: Change admission to Ph.D. in Business Administration to Admission to the Ph.D. program in Hospitality Education. Extensive review of the theoretical and empirical literature related to current strategies and operations of lodging enterprises throughout the world. Tabled pending question on prereq. change.

HFT 7XXX UCF-Hospitality Management 3(3,0)
Strategies & Tactics: Travel & Tourism: PR: Change admission to Ph.D. in Business Administration to Admission to the Ph.D. program in Hospitality Education. An in-depth investigation of the various components of travel and tourism focusing on the role of policy in their operation and development. Tabled pending question on prereq. change.

FIN 6475 BA-Finance 3(3,0)

Course Action Request Deletions

HSA 6505 HPA-Health Professions 3(3,0)
Risk Management in Health Care: PR: Graduate status. Course explores risk management and its specific applications to the health services field. Focus: insurance; quality assurance; dispute resolution; clinical records management. Approved.

HSC 6656 HPA-Health Professions 3(3,0)
Health Care Ethics: PR: Graduate standing or C.I. Provides an understanding of central concepts and values in medical ethics in order to provide a foundation for sound ethical decision-making. Approved.
UCF Graduate Council – Course Review and New Programs Subcommittee

Minutes, November 8, 2004


Handouts: Core revisions to the Clinical Psychology M.A. program, Core revisions to Master's in Nursing Program, Course revisions to Master's in Communicative Disorders, course action requests and special topics, and policy statement for courses.

1. The meeting began at 12:00 noon. Dr. Mohapatra began the meeting by asking Dr. Worthy for an update on the Biology courses that were tabled at the 10/18 meeting. Dr. Worthy provided a handout to the committee on clarification for the S/U grading and the prerequisites for these courses. The committee approved these courses pending additional clarification on the course topics for each of these courses.

2. Clinical Psychology MA program revisions – The request was to add one hour to the current course, which would result in the overall hours for this program to increase by one hour, for a total of 61 hours. This revision was approved.

3. Revisions to the master’s in Nursing Program – Dr. Holcomb summarized the changes for this program, which included revising 6 courses and adding 1 new course. Nationally, master’s programs are focusing on evidenced-based practice, so changes were made on the research/scholarship core and scholarly project courses to reflect the needs of advanced nursing practice. In addition, revisions were made to the Advanced Health Assessment, Health Promotion and Diagnostic Reasoning courses to separate the health promotion content to a new course. The total credit hours required for the program remain the same. This revision was approved.

4. Revisions to the master’s in Communicative Disorders – Dr. Lieberman explained the changes to this program, which included revising 4 courses, deleting 3 courses, and adding 1 new course. These changes increase the required academic courses by 4 credits, and decrease the overall hours of the program by one credit for a total of 72 hours. The overall program revisions were approved by the committee. However, Education asked to have the new course, Issues in Autism, tabled for possible conflict. This course will be addressed again at the November 22 meeting.

5. Courses and special topics – refer to additional attachment on course actions requests and special topics.

6. The meeting adjourned at 2:00 p.m.
Special Topics Approved

STA 5937 AS-Statistics 3(3,0)
ST: Special Topics in Actuarial Statistics Methods: PR: STA 2023 or Equivalent. Providing actuarial students with educational experience of applying statistics methods in actuarial science. Methods include regression and time series modeling of financial and insurance time series data.

TPP 6938C AS-Theatre 3(2,2)
ST: Acting Laboratory: PR: TPP 5156 and MFA Acting Candidate. Collaborative ensemble approach to exploration of play text, culminating in presentation for the department and interested public.

ACG 6938 BA-Accounting 3(3,0)

MAN 6938 BA-Management 3(3,0)
ST: Managerial Action Skills: PR: MAN 6245 or graduate standing and C.I. Course examines managerial approaches to resolve group coordination issues. Behavioral simulations are used to develop action skills for coping with organizational challenges and opportunities.

CAP 5937 ECS-Computer Science 3(3,0)
ST: Detecting Humans in Pictures: PR: CAP 4453 or CAP 5415 or C.I. Models for detecting humans in pictures; computational tasks include obtaining silhouettes, body parts, face detection and recognition. Approaches include machine learning techniques, optical models, stochastic models, photometric models, geometric and algebraic models.

COT 5937 ECS-Computer Science 3(3,0)
ST: Foundations of Modern Cryptology: PR: Graduate standing in Computer Science or C.I. Foundations of cryptology. Modern applications are discussed. These include secure communications, electronic commerce, e-government and digital democracy.

COT 5937 ECS-Computer Science 3(3,0)
ST: Graph Theory: PR: Knowledge of basic graph theory. This course will cover important families of graphs and study in detail the concepts of bandwidth, domination, and connectivity.

EEL 6938 ECS-Electrical & Computer Sci 3(3,0)
ST: Engineering Applications of Autonomous Agents: PR: Undergraduate networking and artificial intelligence courses or C.I. This course explores the autonomous behavior of computer systems. Topics include agents modeling human behavior, multi-agent systems, agents in electronic commerce, embodied agents and biologically motivated agent systems.
SPA 6938 HPA-Communicative Disorders 3(3,0)
ST: Evidence-based Research in Speech Language Pathology: PR: Graduate Status. Evidence-based research in speech-language pathology, including assessing the quality of published and unpublished research and conducting a systematic review and metanalysis of intervention in speech-language pathology.

OSE 6938 UCF-Optics 3(3,0)
ST: Optical Properties of Nanostructured Materials: PR: OSE 5111, OSE 5312, C.I. Theory and applications of nanostructured optical materials: effective medium theory, nanostructured surfaces, plasmon waveguides, nanophotonic circuits, metallic near-field lenses, collective modes in nanoparticle arrays, metamaterials

Special Topics Tabled

SPA 6938 HPA-Communicative Disorders 3(3,0)
ST: Issues in Autism: PR: Graduate Status. Study of the diagnosis, testing and intervention strategies for autism and related disorders. *(The Department of Child, Family and Comm. Sciences asked to have this topic tabled regarding possible conflict. The Council requested that Dr. Lieberman meet with Dr. Wienke to resolve any conflicts. This course will be addressed again at the Nov. 22 meeting.)*

Course Action Additions

PCB 6XXX AS-Biology 1 (1,0)
Professional Development in Biology I: PR: M.S. Biology student. Methods in experimental design, research, and the ethics of animal research. Graded S/U. Approved pending additional clarification that Dr. Worthy will forward to the Graduate Council.

PCB 6XXX AS-Biology 1(1,0)
Professional Development in Biology II: PR: PCB 6XXX (Professional Development in Biology I) and admission to M.S. Biology program. Preparation and presentation of research grants, scientific presentations, and scientific papers. Graded S/U. Approved pending additional clarification that Dr. Worthy will forward to the Graduate Council.

PCB 7XXX AS-Biology 1 (1,0)
Advanced Research Communication I: PR: Students must be enrolled in the Conservation Biology Ph.D. Program. Philosophy and history of science, scientific ethics, scientific design, and presentation of scientific findings as related to conservation biology. Graded S/U. Approved pending additional clarification that Dr. Worthy will forward to the Graduate Council.

PCB 7XXX AS-Biology 1(1,0)
Advanced Research Communications II: PR: PCB 7XXX Advanced Research Communications I. Advanced skills for critically evaluating science to prepare and present research grants in the biological sciences. Graded S/U. Approved pending additional clarification that Dr. Worthy will forward to the Graduate Council.
PCB 7XXX AS-Biology 1(1,0)
**Seminar in Conservation Biology:** PR: PCB 7XXX Advanced Research Communications I. Discussions and presentations addressing the history and development of the field of Conservation Biology and its relevance to modern society. May be repeated for credit 2 times. Graded S/U. Approved pending additional clarification that Dr. Worthy will forward to the Graduate Council.

PCB 5XXX AS-Biology 4(3,2)
**Quantitative Conservation Biology:** PR: MAC 2311, PCB 3034, STA 2014 or C.I. Current methods of data analysis and modeling to evaluate biological population dynamics. May be repeated for credit once. Tabled pending clarification.

PCB 7XXX AS-Biology 4(2,6)
**Conservation Biology Practice:** PR: Acceptance into the Conservation Biology Ph.D. program. Case studies and evaluation of local and regional conservation issues from a biological perspective. Approved

CHS 6XXX AS-Chemistry 3(3,0)
**Explosives and Accelerants Analysis:** PR: CHM 4130C or C.I. Forensic analysis of explosives and accelerants by mass spectrometric techniques. Approved

CHS 6XXX AS-Chemistry 4(2,3)
**Forensic Analysis Laboratory:** PR: CHM 5235, CHS 6XXX (Explosives and Accelerants Analysis) CHS 6XXX (Forensic Micro-Analytical Techniques) or C.I. Forensic analytical laboratory techniques focusing on spectroscopic and chromatographic methods. Approved

SYA 7XXX AS-Sociology & Anthropology 3(3,0)
**Design and Conduct of Social Surveys:** PR: Graduate standing in Sociology or related discipline or C.I. Advanced social survey research methods, including sampling theory and applications, measurement, data collection modalities, questionnaire construction, data reduction strategies, etc. 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. This course needs further discussion by both departments. The council indicated that this should only be 1 course, using the same prefix, possibly using the IDS prefix. This will be addressed again at the November 22 meeting.

ISM 6XXX BA-Management Inform. System 3(3,0)
**Business Intelligence Systems:** 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. Approved

EEL 6XXX ECS-Electrical & Computer Sci 3(3,0)
**Power Semiconductor Device and ICs:** PR: EEL 3306 or equivalent or C.I. Fundamental understanding of modern power semiconductor devices and ICs in relation to their applications in power electronics systems. Approved
SPA 6XXX   HPA-Communicative Disorders   3(3,0)
Issues in Autism: PR: Graduate standing. Study of the diagnosis, testing and intervention strategies for autism and related disorders.  (The Department of Child, Family and Comm. Sciences asked to have this topic tabled regarding possible conflict. The Council requested that Dr. Lieberman meet with Dr. Wienke to resolve any conflicts. This course will be addressed again at the Nov. 22 meeting.)

NGR 5XXX   HPA-Nursing 3(3,0)
Health Promotion: PR: Baccalaureate degree or CI. Exploration and analysis of concepts, theories, research evidence, clinical assessment and interventions for health promotion and wellness.  Approved

SOW 5XXX   HPA-Social Work   3(3,0)
Social Work in Health Settings: PR: Graduate status or CI. Study of social work roles, interventions, and issues related to helping clients in health settings.  Approved

Course Deletions

AST 5144   AS-Physics 3(3,0)
Asteroids, Comets, and Meteorites: PR: AST 2002 and AST 3211. Composition of minor planets and their role in the origin and evolution of the solar system.  Approved

Course Revisions

ENG 6811   AS-English 3(3,0)
Cultural Contexts in Texts and Technology: PR: Graduate standing or C.I. Selected cultural contexts in which texts and technologies converge and where reciprocal mediation, definition, or transformation occurs. May be repeated for credit.  Tabled pending repeatable question. Tabled again.

ECO 6118   BA-Economics 3(3,0)
Microeconomic Analysis: PR: ECO 3101 (or equivalent), ECO 3410 (or equivalent), and ECO 6403 (co-requisite), or C.I. Microeconomic principles governing individual decision-making relative to the theory of the firm and consumer choice.  Prereq was:  MAAE foundations, ECO 3101 and ECO 6403. Open to students in BA/MAAE track.  Approved

ECO 6403   BA-Economics 3(3,0)
Mathematical Economics: PR: ECO 3101 (or equivalent), ECO 3410 (or equivalent), and ECO 6118 (co-requisite), or C.I. Covers the foundations of economic theory with particular focus on the mathematical methods that are indisspensable for proper understanding of the economic literature.  Prereq was:  ECO 3101 or equivalent UG course in microeconomics ; MAC 2233 or C.I. Open to students on the BSBA/MAAE track.  Approved

ECM 6308   ECS-Electrical & Computer Sci   3(3,0)
Current Topics in Parallel Processing: PR: C.I. Research topics in parallel architectures, including, but not limited to, systolic architectures, wavefront arrays, interconnection networks, reconfigurable architectures and fast algorithms. May be repeated for credit.  Tabled pending repeatable question. Tabled again. Waiting for feedback from department.
EDG 6236  ED-Educational Studies  3(3,0)
Principles of Instruction:  PR: C.I. The analysis and application of selected concepts and theories of
learning in relation to curriculum design, classroom strategies, and instructional techniques.  Prereq. was :
EDF 6481 or C.I.  Approved

SPA 5473  HPA-Communicative Disorders  3(3,0)
Multicultural Aspects of Communication Differences & Disorders:  PR: Graduate status. Introduction to
cultural and linguistic diversity among individuals with communication differences and disorders. Special
emphasis on African, Hispanic, Asian, and Native-American.  Approved pending question on the
description.

SPA 6211C  HPA-Communicative Disorders  4(3,1)
Voice Disorders: PR: Graduate Status. Study of the etiology, evaluation, and management of voice disorders
in children and adults, with laboratory demonstration and participation.  Approved

SPA 6225C  HPA-Communicative Disorders  4(3,1)
Fluency Disorders: PR: Graduate Status. Study of the theories, etiology, symptomatology and development
of fluency disorders as well as assessment, differential diagnosis and management of disorders of fluency in
children and adults with fluency failures.  Approved

SPA 6474  HPA-Communicative Disorders  3(3,0)
Assessment and Mgmt of Culturally & Linguistically Diverse Pop: PR: SPA 4473 or SPA 5473. Role of
native and second languages, dialects and culture in the assessment and management of individuals from
culturally and linguistically diverse backgrounds.  Approved

Materials & Supply Fee: $15.00

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

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

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

IDS 7XXX  HPA-Molecular & Microbiology  5 (5,0)
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.  Course withdrawn
NGR 5003   HPA-Nursing 2(2,0)
Advanced Health Assessment and Diagnostic Reasoning: PR: PR or CR: NGR 5141 Pathophysiology; CR NGR 5004L Adv Health Assessment Clinical. Concepts and skills of advanced health assessment over the lifespan. Application of the diagnostic reasoning process through differential diagnoses. App roved

NGR 5004L HPA-Nursing 1(0,1)

NGR 5800   HPA-Nursing 3(3,0)
Theory for Advance Practice Nursing: PR: Baccalaureate degree in Nursing or CI. Conceptual and theoretical bases of nursing practice and research with emphasis on scholarly writing and critique. Approved

NGR 5801 HPA-Nursing 3(3,0)
Research Methodology for Advanced Practice Nursing: PR: Undergraduate Research Methods and Statistics or CI; NGR 5800 Theory for APN. Measurement strategies in nursing research, data planning and collection techniques, statistical data analysis and interpretation of results, research proposal development, outcomes research and statistical software. Approved

NGR 6813   HPA-Nursing 3(3,0)
Evidence Based Nursing Practice: PR: NGR 5800 and NGR 5801; Must be in at least 12 hours of MSN program. Apply research, theory and other evidence to advanced practice nursing. Processes for implementation and evaluation of evidence-based nursing practice are included. Approved

NGR 6941   HPA-Nursing Variable 1-7
Advanced Practice Practicum: PR: NGR 5003, NGR 5141, NGR 6192, NGR 6240, NGR 6334 or NGR 6332; CR: NGR 6242 - ANP/FNP. Supervised advanced clinical practice in the role of the nurse practitioner in an individualized preceptorship. Graded S/U. Approved
UCF Graduate Council – Course Review and New Programs Subcommittee

Minutes, October 18, 2004

Attendance: Ram Mohapatra, Lea Witta, Charles Reilly, Lygia Holcomb, Rachel Viggiano, Patricia Bishop, Ben Morgan.
Guests: Alexander Cole, Stephen LeBruto, Randall Upchurch, Michael Robinson

Handouts: Proposal for a Ph.D. track in Hospitality Education, a joint program between the Rosen College of Hospitality Management and the College of Education, and special topics and course action requests.

1. Dr. Mohapatra began the meeting at 12:00 noon. Dr. Alexander Cole, Burnett College of Biomedical Sciences, will be joining this committee as a non-voting representative to represent his college’s views and concerns regarding agenda items.

2. Ph.D. track in Hospitality Education - Dr. Mohapatra asked that Drs. Upchurch and LeBruto begin by providing a summary of the Hospitality Education proposal. Dr. Upchurch gave a summary of this track proposal. This program with the Rosen College and College of Education will prepare candidates to be outstanding instructors and researchers at research-oriented institutions that offer hospitality and tourism programs. An initial enrollment projection of six Ph.D. candidates per year is an estimated annual target. Education has outstanding research curriculum to support this program. Minimum requirement is to have a master’s degree. The chair then asked the committee members to address any questions they had regarding this proposal. One page 3, a question was raised regarding the hours of the program and the way it was packaged. The committee asked that this be adjusted to show the hours required beyond the master’s. This change should be made to Appendix A also. One page 5, a question was raised regarding the administration of the program. Dr. Robinson indicated that, in addition to Dr. Upchurch performing the administration duties, the overall administration of the program is accomplished through track coordinators that meet on a regular basis. The committee approved this track program pending the addition of the explanation of the administration of the program, and the change made to the program of study.

3. Seminar, advanced, current topics - The group then addressed the issue of topics. Dr. Morgan indicated that it had been brought to his attention that some of our current courses include the titles of current topics, advanced topics, seminar topics, etc. These courses are sometimes taught by various people and the content can change from year to year. SACS guidelines require that we review all new courses and their syllabi before they are approved and set up in the system. The current policy statement on this will be reviewed at our next meeting, and the committee will decide if the current policy needs to be reviewed by the Graduate Council Policy Committee.

4. Four molecular and microbiology courses – the committee then reviewed these four courses. Dr. Morgan shared information regarding SACS guidelines that indicates that we need to ensure that students on different levels are getting different levels of instructions that is appropriate to where they are in the program. This needs to be documented in the course syllabus. A separate syllabus would be needed for a master’s and for a doctoral level course. Records would have to be kept at the department level. The committee made a decision to further review the syllabi for these courses. These four courses were tabled and will be reviewed again at the next meeting.
1. Special topics and course action requests – see attached handout regarding the results of all special topics and courses.
2. The meeting adjourned at 1:30 p.m.
UCF Graduate Council – Course Review and New Programs Subcommittee
Agenda, October 18, 2004

SPECIAL TOPICS ADDITIONS

AFH 5937 AS-History 3(3,0)
ST: Ethnicity and Competing Nationalisms in Africa since 1900: PR: Graduate standing or C.I. Historical literature on ethnicity and competing nationalisms in Africa since the beginning of colonial rule. Approved

AMH 5937 AS-History 3(3,0)
ST: Monuments & Memory: PR: Graduate standing or C.I. The history of Orlando expressed in public inscription. Approved pending question on title.

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 at last meeting. Dr. Wan to obtain no course conflicts with Economics.) See box below.

Changes to PAF 6938 HPA-College-HPA 3(3,0)
ST: Public Policy : Microeconomic Applications : PR : Any of the following economics courses at the undergraduate or graduate level (or the equivalent) : ECO 2023, ECO 3101, ECO 4504, ECO 5006, ECO 6115, ECP 4403, ECP 4603, or ECP 4703. This is a public policy course that uses microeconomics as a tool for analysis. Approved pending question on course level.

COURSE ADDITIONS

PCB 5XXX AS-Biology 4(2,4)
Restoration Ecology: PR: PCB 3034, BSC 4312C, or graduate standing or C.I. General principles of assisting recovery of degraded, damaged or destroyed ecosystems. Approved

PCB 6XXX AS-Biology 1 (1,0)

PCB 6XXX AS-Biology 1(1,0)
Professional Development in Biology II: PR: PCB 6XXX (Professional Development in Biology I) and admission to M.S. Biology program. Preparation and presentation of research grants, scientific presentations, and scientific papers. Graded S/U. Tabled pending clarification on S/U grading and prereq.

PCB 7XXX AS-Biology 1 (1,0)
Advanced Research Communication I: PR: Students must be enrolled in the Conservation Biology Ph.D. Program. Philosophy and history of science, scientific ethics, scientific design, and presentation of scientific findings as related to conservation biology. Graded S/U. Tabled pending clarification on S/U grading and prereq.
PCB 7XXX  AS-Biology 1(1,0)
Advanced Research Communications II: PR: PCB 7XXX Advanced Research Communications I. Advanced skills for critically evaluating science to prepare and present research grants in the biological sciences. Graded S/U. Tabled pending clarification on S/U grading and prereq.

PCB 7XXX  AS-Biology 1(1,0)
Seminar in Conservation Biology: PR: PCB 7XXX Advanced Research Communications I. Discussions and presentations addressing the history and development of the field of Conservation Biology and its relevance to modern society. May be repeated for credit 2 times. Graded S/U. Tabled pending clarification on S/U grading and prereq.

CHM 6XXX  AS-Chemistry 3(3,0)
The Organic Chemistry of Drug Design: PR: CHM 2211 (or equivalent) and C.I. Drug design and action using the principles of organic chemistry. Approved

IDS 5XXX  AS-Digital Media  3(3,0)
Digital Forensics: PR: CGS 5131 (Computer Forensics I) or C.I. Application of digital scientific techniques to solve information assurance, forensic and legal problems. (The special topics for this course was approved last year. Criminal Justice & Legal Studies was consulted last year regarding any overlap. They had requested that the School of Film/Digital Media change the course title from “Digital Evidence from the Crime Scene to the Courtroom” to “Digital Forensics.” They also requested changes in the syllabus. The special topics for this course was then approved.) Approved

SPW 6XXX  AS-Foreign Languages  3(3,0)
Modernismo: PR: Admission to Spanish M.A. program. The first Spanish American literary movement (approximately 1880-1910) that impacted the 20th century Spanish language and culture. Approved

SYD 6XXX  AS-Sociology & Anthropology  3(3,0)
Contemporary Urban Sociology: PR: Graduate standing or C.I. Contemporary issues in urban sociology. Approved

SYD 6XXX  AS-Sociology & Anthropology  3(3,0)
Human Dimensions of Natural Resource Management: PR: Graduate standing, or C.I. The dynamic relationship between social and ecological systems, and the integral role of natural resource agencies. Approved

SYD 6XXX  AS-Sociology & Anthropology  3(3,0)
Race, Class and Environmental Justice: PR: Graduate standing or C.I. The sociological study and analysis of the distributional impacts of environmental degradation on poor people and people of color. Approved

SYO 6XXX  AS-Sociology & Anthropology  3(3,0)
Sociology of Health and Illness: PR: Graduate Standing or CI. Sociological models of health and illness. Approved

SYP 6XXX AS-Sociology & Anthropology 3(3,0)

Guns, Crime and Violence: PR: Graduate standing in sociology or related discipline or CI. Role of firearms in America: Guns in history; civilian gun ownership; guns, crime and criminals; and guns and public policy. Approved

SYP 6XXX AS-Sociology & Anthropology 3(3,0)

Poverty, Homelessness and the Cities: PR: Graduate standing in sociology or related discipline or C.I. Poverty, homelessness and their impact on American cities in the 21st century. Approved

SYP 6XXX AS-Sociology & Anthropology 3(3,0)

Social Organization of Homicide: PR: Graduate Standing or CI. An in depth analysis of the social and cultural context of homicide and of intervention strategies. The primary emphasis is on the contemporary U.S. 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. (Dr. Witta requested at the 9/13/04 meeting that this course be tabled pending clarification from the Management Department.) Tabled pending concurrence with professor teaching the course.

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 at last meeting. Dr. Wan to obtain no course conflicts with Economics.) Approved

COURSE DELETION

SPW 6307 AS-Foreign Languages 3(3,0)

Spanish American Drama II: An analysis of Spanish American Drama from modernism to the present. Approved

COURSE REVISIONS

ENG 6811 AS-English 3(3,0)
Cultural Contexts in Texts and Technology: PR: Graduate standing or C.I. Selected cultural contexts in which texts and technologies converge and where reciprocal mediation, definition, or transformation occurs. **May be repeated for credit. Tabled pending repeatable question**

SPW 6XXX AS-Foreign Languages 3(3,0)  
**Spanish American Drama:** PR: Admission into Spanish M.A. program. Critically recognized Spanish American Theater texts and pre-Hispanic theatrical works. **Title change from Spanish American Drama I. Course description change from:** An analysis of dramatic texts from Pre-Columbian times to the end of the nineteenth century. No prerequisite had been listed. **Approved**

SPW 6XXX AS-Foreign Languages 3(3,0)  
**Spanish Golden Age Prose and Poetry:** PR: Admission into Spanish M.A. program. Outstanding authors of the Spanish Renaissance and Spanish Baroque periods. **Name change from Golden Age Prose. Course description change from:** A study of the major prose works of the Spanish Golden Age. No prerequisite had been listed. **Approved**

EEL 6763 ECS-Electrical & Computer Sci 3(3,0)  
**Current Topics in Parallel Processing:** PR: C.I. Research topics in parallel architectures, including, but not limited to, systolic architectures, wavefront arrays, interconnection networks, reconfigurable architectures and fast algorithms. **May be repeated for credit. Tabled pending repeatable question**

EEL 6XXX ECS-Electrical & Computer Sci 3(3,0)  
**Parallel Processing:** PR: EEL 5708. Systems with one or more central I/O processors. Types of parallelism granularity and memory organization. Processor/memory message passing systems. Shared memory multiprocessors. **Change in prerequisite from EEL 5707, EEL 5762. Approved**

BSC 6XXX HPA-Molecular & Microbiology 5(5,0)  
**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. **Title change. Course tabled at 9-13-04 meeting pending clarification. Tabled**

BSC 6XXX HPA-Molecular & Microbiology 5(5,0)  
**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, **Title change. Course tabled at 9-13-04 meeting pending clarification. Tabled**

IDS 7XXX HPA-Molecular & Microbiology 5(5,0)  
**Ph.D. Biomolecular Science I:** PR: Admission to Biomolecular Sciences Ph.D. program. First semester of a two semester sequence with lectures and literature dicussion of structure-function relationships of action and functions of biomolecules presented from an interdisciplinary perspective. **Title change. Course tabled at 9-13-04 meeting pending clarification. Tabled**
IDS 7XXX HPA-Molecular & Microbiology 5 (5,0)
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. **Title change. Course tabled at 9-13-04 meeting pending clarification.** Tabled*

*These four Molecular & Microbiology courses were tabled pending additional clarification.

**Additions to the agenda:**

**Special Topics**

CCJ 6938 HPA-Criminal Justice 3(3,0)
ST: American Criminal Courts : PR: Graduate standing or C.I. Focuses on a specific topic in American Criminal Courts by informing students about the process of prosecution and adjudication. **Approved**

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. (UPDATE: Ralph Llewellyn, Physics, indicated that Physics’s concerns on this course have been resolved and they have withdrawn their objection.) Approved**

**Course Addition**

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. (UPDATE: Ralph Llewellyn, Physics, indicated that Physics’s concerns on this course have been resolved and they have withdrawn their objection.) Approved**
Graduate Course Review and New Programs Subcommittee

Minutes, September 13, 2004


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.
Course Action and Special Topics Requests

Special Topic Additions
COT 6938 ECS-Electrical & Computer Sci 3(3,0)
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 C.I. 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 5XXX  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)

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)
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.