


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of November 08, 2004 meeting

Members Present	Kevin Belfield, Rachel Viggiano, Lea Witta, Ram Mohapatra
Recorder	Rhonda Nelson
Guests Present	Ben Morgan, Alexander Cole, Graham Worthy, Stephen Holmes, Jane Lieberman
Files	2004-11-08 Course Action Request Minutes 

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.

- 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.
- 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.
- 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.
- 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.
- Courses and special topics** – refer to additional attachment on course actions requests and special topics.
- The meeting adjourned at 2:00 p.m.

UCF Graduate Council – Course Review and New Programs Subcommittee November 8, 2004

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)

ST:Financial Accounting Concepts & Analysis: PR: Admission to MBA program. Study of the purpose, usefulness, and limitations of financial accounting information from a user decision-making perspective.

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 metaanalysis 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 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.**

PCB 7XXXC 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 6XXXC 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 indispensible 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. **Approved**

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

Advanced Health Assessment and Diagnostic Reasoning (Lab): PR: PR or CR: NGR 5141 Pathophysiology; CR: NGR 5003 Adv Health Assessment. Application of concepts and skills for advanced health assessment and diagnostic reasoning over the lifespan. Graded S/U. Materials & Supply Fee: \$20.00 **Approved pending question on lab fee.**

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 reserach 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 last 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**