

UCF Graduate Council

[Home](#) > [Curriculum](#) > [Minutes](#)

CURRICULUM COMMITTEE MINUTES

Minutes of January 10, 2007 meeting

Recorder	Rhonda Nelson
Guests Present	Stephen Holmes, Ted Angelopoulos, Diane Jacobs, Jane Lieberman, Ivonne Lamazares, Graham Worthy, Sheai Lang, Lynn Harper
Files	Course Action Minutes 

1. **Introductions.** Dr. Sivo began the meeting at 12:10. The minutes from the December 13 were reviewed and approved.
2. **Review of Biology split classes.** The Department of Biology requested to offer a 6000/7000 split class. The committee reviewed the following syllabi:
 - a. PCB 6095 Professional Development in Biology I and PCB 7090 Advanced Research Communication I
 - b. PCB 6096 Professional Development in Biology II and PCB 7091 Advanced Research Communication II. Both split classes were approved.
3. **Accelerated master's in Communication Sciences and Disorders.** Jane Lieberman, chair of the CS&D department, gave an overview of this program and detailed the critical shortage of master's level speech-language pathologists available to serve individuals with communication disorders in the state of Florida, as well as nationwide. Students in the program would be allowed to enroll in three required graduate courses and three graduate electives (18 total credit hours) which would be applied for credit in both programs. This would enable the student to graduate one to two semesters earlier. The program anticipates that more graduate students will remain to work in Florida once completing the master's program at UCF. She also shared that the Undergraduate Course Review Committee had approved this program earlier in the year. The chair then asked for questions from the members. This program received unanimous approval.
4. **Addition of a Clinical and Lifestyle Sciences track.** Dr. Diane Jacobs gave a summary of the need for this type of program. This track would be the second track in the M.S. Health Sciences program (current track is in Health Services Administration). This program includes a thesis and a non thesis option. The program prepares graduates with advanced study of clinical and applied physiology, nutrition, and clinical research methodology. It would provide them with skills to participate in research on strategies to develop and maintain healthy lifestyles, and skills to ensure professional preparation for work in various fields including lifestyle medicine centers, industry, government agencies, public relations, private practice, or clinical research. The committee members then asked questions. A question was raised on the 4000 level pharmacology courses listed in the required core and discussion followed. The committee suggested the removal of the 2 pharmacology courses from the core (changing the number of SCH from 36 to 32) and adding a pharmacology course to the program prerequisites. The new courses for the program were also reviewed at this time. There was a question related to the description for the Clinical Nutrition course. Dr. Jacobs indicated that she would revise the description of this course so that it reflected a more advanced course rather than an introductory course. This track received unanimous approval with the changes as suggested.
5. **Revision to graduate certificate in Computer Forensics.** The department wishes to add an alternative core course to be offered with the current CHS 5518 course. Dr. Lang noted that the alternative course could be taken as an online course. Certificate program hours will remain at 15 credit hours. This revision received full approval.
6. **Review of Statistics and Actuarial Science split class and revising a 5000 level course to a 6000 level.** The department requested to offer a split class for STA 6948 and STA 4942 Actuarial Science Practicum and revise the STA 6948 to a 5000 level class. This received full approval. They also requested to revise STA 5185 Advanced Theory of Interest to a 6000 level course. This course was tabled pending clarification regarding the 2000 level prerequisite for this course.
7. **Special topics and course action requests.** See course minutes for approved courses. Courses not listed on the minutes will be reviewed at the next meeting.

Adjournment of meeting. The meeting was adjourned at 1:50 p.m. The next meeting is scheduled for January 17. The meeting start time will be 12:00 p.m. in Room 243 MH.

UCF Graduate Council – Curriculum Subcommittee

GRADUATE COUNCIL COURSE MINUTES 1-10-2007

All courses listed below were approved, with the exception of the TABLED courses.

College of Sciences Special Topics

PHY 6938 Sect 01 COS-Physics 3(3,0)

ST: Selected Topics in Scattering Theory: PR: PHY 5606 and PHY 6624 and PHY 6246 or C.I. Quantum mechanics and two-body collisions devoted to specific topics in scattering theory selected from important modern problems in atomic and molecular physics.

30 character abbreviation: **ST: TOPICS SCATTERING THEORY**

Engineering & Computer Science Special Topics

Tabled – pending approval from Computer Science

IDS 6938 Sect 01 ECS-Industrial & Management 3(3,0)

ST: Virtual Reality: PR: EIN 5255C or IDS 5717C. Gives students an appreciation for the uses and complexity of virtual reality systems by building a simple environment and writing a research paper.

30 character abbreviation: **ST: Virtual Reality**

Tabled – pending new syllabi that distinguishes difference between the UG and G (**SPLIT CLASS**)

PCB 5937 Sect 01 ECS-Industrial & Management 3(3,0)

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

30 character abbreviation: **ST: Molecular & Cell PHARMACOL**

Education Special Topics

Tabled – pending clarification on title (more Education specific)

PET 5937 Sect 01 ED-Child, Family & Comm Sci 3(3,0)

ST: Ethics in Sport Leadership: PR: Limited to undergraduate students with senior standing and graduate students in the program. Designed to assist students in self-evaluating, examining, and developing a philosophy, values, and moral reasoning skills, particularly relating to issues faced by sport leaders.

30 character abbreviation: **ST: Ethics in Sport Leadership**

Health & Public Affairs Special Topics

Tabled – waiting for Ed.S in Education Com Sci track proposal

SPA 6938 Sect 01 HPA-Communicative Disorders 3(3,0)

ST:Leadership Project in School Speech-Language Pathology: PR: Graduate Standing in Communication Sciences and Disorders or C.I. Development, completion, and implementation of a clinical or research leadership project in school speech-language pathology.

30 character abbreviation: **ST:Leadership Prjct in School**

Tabled – waiting for Ed.S in Education Com Sci track proposal

SPA 6938 Sect 01 HPA-Communicative Disorders 3(3,0)

UCF Graduate Council – Curriculum Subcommittee

ST:Methods in School Speech-Language Pathology: PR: Graduate Standing in Communication Sciences and Disorders or C.I. Organization, administration and management of speech-language pathology programs in schools.

30 character abbreviation: **ST:Methods in School SLP**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Clinical Exercise Physiology: PR: Admission to HSA Clinical & Lifestyle Sciences Track. This course is designed to give the student an understanding of the graded exercise test as a functional and diagnostic modality in normal and diseased people.

30 character abbreviation: **ST: Clin Exercise Physiology**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Clinical Nutrition: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. The role of nutrition in promoting health and wellness: principles and best practices of nutrition therapy in management of chronic diseases of public health concern.

30 character abbreviation: **ST:Clinical Nutrition**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Human and Applied Metabolism: PR: Admission to HS Clinical & Lifestyle Sciences Track or C.I. The contribution of carbohydrate, fat and protein to energy metabolism at rest and during physical stress will be examined.

30 character abbreviation: **ST:Human Applied Metabolism**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Introduction to Clinical Research: PR: Admission to HS Clinical & Lifestyle Sciences Track or C.I. This course offers an introductory overview to clinical research. Course content focuses on key concepts beginning with an overview of the conception of research question.

30 character abbreviation: **ST:Intro to Clinical Reseach**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Introduction to Clinical Trials: PR: Admission to HS Clinical & Lifestyle Sciences Track or C.I. An overview of clinical trials theory and design characteristics provides the background necessary to conduct single center and multi-center studies.

30 character abbreviation: **ST:Intro to Clinical Trials**

HSC 6938 Sect 01HPA-Health Professions 3(3,0)

ST:Lifestyle Medicine: PR: Admission to HS Clinical & Lifestyle Sciences Track or C.I. This class will use scientific evidence to provide studies with the most up-to-date information on successful strategies for preventing and treating numerous chronic diseases, stress and addiction.

30 character abbreviation: **ST:Lifestyle Medicine**

NGR 7939 Sect 01 HPA-Nursing 3(3,0)

ST:Epidemiology Principles in Advanced Practice Nursing: PR: Admission to DNP program or C.I. Advanced application of epidemiological concepts in community and public health practice, including disease surveillance, prevalence, prevention and statistical management of patient aggregate data.

30 character abbreviation: **ST:Epidemiology Principles APN**

UCF Graduate Council – Curriculum Subcommittee

Business Administration Course Action Additions

FIN 7XXX BA-Finance 1(1,0)

Finance Research Forum: PR: Admission to Business PhD program and FIN 6406 or equivalent, or C.I. Research and pedagogical issues in finance, including research presentations by faculty, doctoral students, and invited scholars. May be taken for 4 hours credit. May be used in the degree program a maximum of 4 times only when course content is different.

30 character abbreviation: **Finance Research Forum**

FIN 7XXX BA-Finance 3(3,0)

Introduction to the Theory of Finance: PR: Admission to Business PhD program and FIN 6406 or equivalent, or C.I. This course provides an introduction to decisions and equilibrium under uncertainty, portfolio theory, asset pricing models, option pricing, capital structure, and agency theory.

30 character abbreviation: **Introduction to Theory Finance**

MAN 7XXX BA-Management Var

Seminar in Management Research: PR: Admission to PhD program or C.I. Examines empirical and theoretical research in selected management topics. Specific topics may not be repeated for credit. Maximum of 15 hours toward degree. May be repeated for credit only when course content is different.

30 character abbreviation: **Seminar in Mgmt Research**

Burnett College of Biomedical Sciences Course Action Additions

Tabled – pending new syllabi that distinguishes difference between the UG and G (**SPLIT CLASS**)

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

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

30 character abbreviation: **Molecular and Cell PHARMACOL**

College of Arts & Humanities Course Action Additions

CRW 6XXX CAH-English 3(3,0)

Capstone Course: Scholarship & Publication Models: PR: Admission to Creative Writing MFA. Overview of thesis-writing process from proposal to defense, and possible subsequent publication.

30 character abbreviation: **Capstone Scholar & Publicat**

PHI 5XXX CAH-Philosophy 3(3,0)

Medical Ethics: PR: Graduate standing or C.I. Ethics for practitioners of clinical medicine, health care delivery and medical research.

30 character abbreviation: **Medical Ethics**

College of Sciences Course Action Additions

Tabled – request clarification on 3000 level prereq

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

UCF Graduate Council – Curriculum Subcommittee

Advances in Plant Ecological Research: PR: PCB 3044, graduate standing, or CI. Current methodological and conceptual developments in plant ecological research. Examination of newly published and on-going research through presentations and group discussions. May be used in the degree program a maximum of 2 times. Graded S/U.

30 character abbreviation: **Advances in Plant Ecol Res**

Tabled – requested shorter title

PHY 6XXX COS-Physics 3(3,0)

First principles computational mthd in condensed matter physics & materials sci: PR: PHY 5606 Quantum Mechanics I. Introduction to density functional theory and first principles computational methods used in modern condensed matter physics with hand-on sessions using computers.

30 character abbreviation: **Prin Comp Meth Condens Matter**

Engineering & Computer Science Course Action Additions

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

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

30 character abbreviation: **Bioinformatics**

Tabled – request clarification on 3000 level prereq

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

Neuroevolution and Generative and Developmental Systems: PR: COP 3503C or C.I. Focuses on evolving neural networks for difficult sequential decision and control tasks and associated issues in efficient encoding and representation.

30 character abbreviation: **Neuroevolution Generative Sys**

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

Numerical Techniques in Electromagnetics: PR: EEL 6488 or C.I. Applications of finite difference methods (FDTD), finite element method, integral equation method (method of moments) to electromagnetics.

30 character abbreviation: **Numerical Tech in Electromag**

Tabled – waiting for Engr Tech proposal

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

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

30 character abbreviation: **Incident Response Technologies**

Tabled – waiting for Engr Tech proposal

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

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

30 character abbreviation: **Operation Systems File System**

UCF Graduate Council – Curriculum Subcommittee

Tabled – request clarification on 3000 level prereq.

EMA 5XXX ECS-Mechanical/Matrls/Aerosp 3(3,0)

Electronic Principles of Materials Properties: PR: EGN 3365 or C.I. This course will cover electron theory and band structure; electrical, optical, magnetic, and thermal properties of metals, semiconductors and insulators, including device examples.

30 character abbreviation: **Electronic Prin of Mat prop**

EML 6XXX ECS-Mechanical/Matrls/Aerosp 3(3,0)

Fundamentals of Fatigue Analysis: PR: EML 5211 or C.I. A review of classical and modern methods of fatigue life prediction and the physical process therein. Primary emphasis relates to metallic materials.

30 character abbreviation: **Fundamentals Fatigue Analysis**

Health & Public Affairs Course Action Additions

HSC 6XXX HPA-Communicative Disorders 3(3,0)

Epidemiology of Chronic Diseases: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. Selected topics in chronic disease with critical analysis of the current epidemiologic literature is covered; opportunity to study methodological issues, contemporary findings and future direction of research.

30 character abbreviation: **Epidemiology Chronic Diseases**

Tabled – waiting Ed.S in Education Com Sci track proposal

SPA 6XXX HPA-Communicative Disorders 3(3,0)

Leadership Project in School Speech-Language Pathology: PR: Graduate Standing in Communication Sciences and Disorders or C.I. Development, completion, and implementation of a clinical or research leadership project in school speech-language pathology.

30 character abbreviation: **Leadership Prjct in School SLP**

Tabled – waiting Ed.S in Education Com Sci track proposal

SPA 6XXX HPA-Communicative Disorders 3(3,0)

Methods in School Speech-Language Pathology: PR: Graduate Standing in Communication Sciences and Disorders or C.I. Organization, administration and management of speech-language pathology programs in schools.

30 character abbreviation: **Methods in School SLP**

HSC 6XXX HPA-Health Professions 3(3,0)

Clinical Exercise Physiology: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. This course is designed to give the student an understanding of the graded exercise test as a functional and diagnostic modality in normal and diseased people.

30 character abbreviation: **Clinical Exercise Physiology**

HSC 6XXX HPA-Health Professions 3(3,0)

Clinical Nutrition: PR: Admission to HS MS Clinical Lifestyle Sciences Track or C.I. The role of nutrition in promoting health and wellness: principles and best practices of nutrition therapy in management of chronic diseases of public health concern.

30 character abbreviation: **Clinical Nutrition**

HSC 6XXX HPA-Health Professions 3(3,0)

UCF Graduate Council – Curriculum Subcommittee

Human and Applied Metabolism: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. The contribution of carbohydrate, fat and protein to energy metabolism at rest and during physical stress will be examined.

30 character abbreviation: **Human Applied Metabolism**

HSC 6XXX HPA-Health Professions 3(3,0)

Introduction to Clinical Research: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. This course offers an introductory overview to clinical research. Course content focuses on key concepts beginning with an overview of the conception of research question.

30 character abbreviation: **Intro to Clinical Reseach**

HSC 6XXX HPA-Health Professions 3(3,0)

Introduction to Clinical Trials: PR: Admission to HS MS Clinical & Lifestyle Sciences Track or C.I. An overview of clinical trials theory and design characteristics provides the background necessary to conduct single center and multi-center studies.

30 character abbreviation: **Intro to Clinical Trials**

HSC 6XXX HPA-Health Professions 3(3,0)

Lifestyle Medicine: PR: Admission to HS MS Clinical Lifestyle Sciences Track or C.I. This class will use scientific evidence to provide studies with the most up-to-date information on successful strategies for preventing and treating numerous chronic diseases, stress and addiction.

30 character abbreviation: **Lifestyle Medicine**

College of Arts & Humanities Course Action Revisions

CRW 5020 Graduate Writing Workshop 3(3,0)

~~PR: Graduate status or senior standing or C.I.~~ PR: Admission to Creative Writing MFA and C.I.

Student writers present their own work, receiving detailed analysis of its strengths and weaknesses from their fellow writers and from the ~~teacher~~ teacher. May be ~~repeated for credit.~~ used in the degree program a maximum of 4 times.

CRW 5130 Form and Theory in Creative Writing 3(3,0)

~~PR: Graduate standing and instructor consent.~~ PR: Admission to Creative Writing MFA or C.I.

Formal and theoretical study of creative writing of given genre (poetry, short fiction, etc). May be repeated for credit only when course content is different.

CRW 5948C Creative Writing Service Learning 3(2,1)

~~PR: Graduate Standing~~ PR: Admission to Creative Writing MFA or C.I.

On-site experience leading and sharing creative writing in community settings. May be used in the degree program a maximum of 3 times.

CRW 6025 Advanced Graduate Writing Workshop 3(3,0)

PR: Admission to the Creative Writing ~~Specialization of the English M.A. program.~~ MFA and C.I.

~~Writing and revising in one established form. Advanced Graduate Writing Workshop may be taken three times (for a total of 9 hours) in order to produce a book-length manuscript (fiction, poetry, or other genre). May be repeated for credit.~~

UCF Graduate Council – Curriculum Subcommittee

Writing and revising in one established form. Advanced Graduate Writing Workshop may be taken three times (for a total of 9 hours) in order to produce a book-length manuscript (fiction, poetry, or other genre). May be used in the degree program a maximum of 4 times.

College of Sciences Course Action Revisions

STA 6948 Actuarial Science Practicum 3(3,0)

STA 5XXX

PR: STA 4183 or STA 5185.

Study and projects on problems in actual practice; discussions and presentations by practitioners from life insurance, casualty, etc.

Tabled – clarification requested on 2000 level prereq.

STA 5185 Advanced Theory of Interest 3(3,0)

STA 6XXX

PR: MAC 2312 and STA 2023, ~~graduate status or senior standing,~~ and graduate status, or C.I.

Measurement of Interest, valuation of annuities, determination of yield rates on investments, fixed income securities, mortgages, etc.

Health & Public Affairs Course Action Revisions

SPA 6553 Differential Diagnosis In Speech and Language 3(3,0)

~~PR: Graduate status.~~ PR: SPA 6943C; CR: SPA 6553L.

Procedures for diagnosing speech and language disorders in children and adults, with emphasis on interviewing, test administration and interpretation, and report writing.