

UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of November 30, 2011 meeting

Members Present

Youngsoo Choi, Tosha Dupras, Naim Kapucu, Joyce Nutta, Max Poole, Kerry Purmensky, Jay Jay Stroup, Julee Waldrop, Art Weeks, Boris Zeldovich

Recorder

Rhonda Nelson

Guests Present

Mustapha Mouloua, Susan Chase, Anne Norris, James Campbell, Linda Sullivan, Mike Hynes, Ken Murray, Peter Kincaid, Xin Li

Files

[2011-11-30 Course Action Requests minutes](#) 

Welcome and call to order. The meeting was called to order at 12:00 p.m. by Tosha Dupras, Chair. A quorum was established. The minutes were reviewed and approved.

Modeling & Simulation equipment fee request. The request to add an equipment fee to this program received unanimous approval.

Revisions to the MEd in Educational Leadership. Ken Murray provided an overview of these changes. The department will remove the 3 hour Foundation course requirement from the core and add 3 hours to the internship component. The internships will be offered over 2 semesters. This program will lead to state certification. This request received unanimous approval.

Revisions to the MA in Educational Leadership. Ken Murray presented these changes. He pointed out that this program does not lead to state certification and is totally online. Program is changing from a 42 to a 30 semester hour program by making some changes to the required courses and removing the electives. The committee asked that clarification be added to the description to clarify the audience for this program. Dr. Murray indicated that the tracks were already inactivated. (Need to check on this.) This request received unanimous approval with the amendments to the description.

Revisions to the Ph.D. in Nursing. Susan Chase and Anne Norris were present to present the changes to his program. The request was to change the hours from 57 to 60. The required hours will increase from 33 to 36 by increasing the research methods hours from 15 to 18. This request received unanimous approval.

Revisions to the MS in Civil Engineering. The request was to add one additional group to the required courses and students would take one course from 4 out of the 5 groups. The electives and overall hours stay the same. This request received unanimous approval.

Inactivation of the Electronic Circuits graduate certificate, CECS. This request was to inactivate this certificate as it has not attracted any students and there are currently no students in the program. This request received unanimous approval.

Revisions to the MA in English – Literary, Cultural and Textual Studies, CAH. James Campbell was present to provide the changes to this program. Overall track hours remain the same, core courses changing from 9 to 6 hours, and electives increasing from 18 to 21 hours. This request received unanimous approval.

Revisions to the PhD in Psychology – AEHF, COS. Mustapha Mouloua presented a summary of the changes. The program hours will decrease from 93 to 84, required hours will change from 54 to 45, and the elective hours will remain the same with some course changes. They requested that this request be retroactive to fall 2011. This request received unanimous approval.

Revisions to the Mathematics graduate certificate, COS. The request was to change the required hours from 15 to 9 and the electives from 3 to 9. Overall hours will remain at 18. This request received unanimous approval.

Courses and special topics. For a complete list of courses approved, review the attached listing.

Announcements and adjournment. The committee discussed continuing the meetings at 12:00 on Wednesdays. A notice will be sent to committee members to poll the group. The meeting was adjourned at 1:30 p.m.

Graduate Council Curriculum Committee **Course Minutes for 11-30-2011 (revised)**

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

Engineering & Computer Science Course Action Additions

CCE 5XXX **ECS-Civil, Envir & Const Eng** **3(3,0)**

Green Design and Construction: PR: CCE 4004. Introduction of sustainability concepts as they relate to construction design and delivery. Topics include LEED categories, economic analysis, and integrated project management. *Odd Spring.*

30 character abbreviation: **Green Design and Construction**

Rationale: The construction industry is embracing green building principles rapidly. There is an increasing demand of professionals that have knowledge in sustainable construction. To answer to this demand, this course offers the theoretical and practical aspects of green design and delivery.

Effect on majors: MSCE

CCE 6XXX **ECS-Civil, Envir & Const Eng** **3(3,0)**

Cost Analysis of Sustainable Infrastructure Systems: PR: CCE 5XXX (Infrastructure Systems Mgmt). Cost engineering for construction organizations, projects, and operations. Topics include project cash flow analysis, construction cost accounting, evaluating investments, and life cycle cost analysis. *Odd Fall.*

30 of 30 character abbreviation: **Cost Analy Sustainable Infrast**

Rationale: The most critical aspect of construction projects is cash flow management and cost control. This course will be offered to introduce these critical subjects to graduate students. All the course materials will tackle cost cost engineering in the context of construction organizations, projects, and operations.

Effect on majors: MSCE

Tabled. Committee questioned whether there might be a higher level prereq.

ENV 6XXX **ECS-Civil, Envir & Const Eng** **3(3,0)**

Environmental Biotechnology: PR: ENV 3001. Environmental Biotechnology teaches graduate students the management of microorganism-based engineer systems for applications in waste treatment and energy generation. *Even Spring.*

30 character abbreviation: **Environmental Biotechnology**

Rationale: Environmental Biotechnology is an emerging area that presents opportunities to graduate students in environmental engineering. This graduate course will equip students with principles and applications necessary for understanding essential engineering sciences that govern bioenvironmental processes.

Discussion with others: COM was contacted (Dr. Naser) for consideration but did not send any feedback by the time CAR was entered.

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

Data Intensive Computing: PR: CDA 5106 or C. I. Data intensive computing and its enabling systems architectures such as MapReduce, cloud computing and storage, with a focus on system architecture,

middleware and building blocks, programming models, algorithmic design, and application development. *Occasional*.

30 character abbreviation: **Data Intensive Computing**

Rationale: Update the curriculum with the state-of-the-art computing paradigms.

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

Reconfigurable Logic Applications: PR: EEL 5722C or C.I. FPGA architectures, reconfigurable computing applications, and emerging CPU+FPGA hybrid platform. The overall objective is to investigate the state-of-the-art FPGA-based reconfigurable computing both from a hardware and software perspective. *Odd Spring*.

25 of 30 character abbreviation: **Reconfigurable Logic Appl**

Rationale: New offering on technical topic requested by students and employers formulated in concurrence with faculty in that technical area.

College of Education Course Action Additions

SSE 7XXX ED-Teach, Learn & Leadership 3(3,0)

Critical Issues in Social Studies Teacher Education: An examination of the relevant literature surrounding the research and practice of social studies teacher education. The course examines the major themes, ideas, perspectives, and programs. *Even Fall*.

29 of 30 character abbreviation: **Crit Iss in Soc St Teach Educ**

Discussion with others: There is no other course similar at UCF.

Effect on majors: PhD in Education--Social Science Education track and the EdD in Education.

Health & Public Affairs Special Topics

Tabled. Hold for DPT proposal

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

ST: Personal Integrity in Physical Therapy: PR: Admission to DPT program. The central focus of the course is the practical application of theories of personal integrity as it relates to academic and professional conduct. Course is designed to incorporate personal integrity in healthcare practice into day-to-day perspective. Graded S/U. *Occasional*.

25 of 30 character abbreviation: **ST: Personal Integrity PT**

Rationale: Course offered as one-time course to group of students who were involved in an organized academic misconduct and returning from University suspension

Tabled. Hold for DPT proposal

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

ST: Professionalism in Physical Therapy: PR: Admission to DPT program. The central focus of the course is the practical application of theories of professionalism as it relates to academic and professional conduct. Course is designed to foster professional values into personal behavior and practice in healthcare. Graded S/U. *Occasional*.

25 of 30 character abbreviation: **ST: Professionalism in PT**

Rationale: Course offered as one-time course to group of students who were involved in an organized academic misconduct and returning from University suspension.

Tabled. Hold for DPT proposal

PHT 6938L Sect 01 HPA-Health Professions 3(0,15)

ST: Advanced Clinical Education II: PR: PHT 7822C. The clinical education sequence in the clinical internship. The student will affiliate in one to two different settings. Graded S/U. *Occasional*.

27 of 30 character abbreviation: **ST: Advanced Clinical Ed II**

Rationale: This special topics course is a one-time replacement. Advanced Clinical Education II is being revised in future catalogs to add additional credit hour and clinical length. This ST course will be offered to the cohort that is on previous catalog.

Tabled. Hold for DPT proposal

PHT 6938L Sect 01 HPA-Health Professions 3(0,15)

ST: Advanced Clinical Education III: PR: PHT 6938 Special Topics: Advanced Clinical Education II. The clinical education sequence culminates in a final six-week clinical internship prior to graduation.

Students have opportunity to integrate the many roles and responsibilities of the physical therapist.

Graded S/U. *Occasional*.

28 of 30 character abbreviation: **ST: Advanced Clinical Ed III**

Rationale: This special topics course is a one-time replacement. Advanced Clinical Education III is being revised in future catalogs to add additional credit hour and clinical length. This ST course will be offered to the cohort that is on previous catalog.

Health & Public Affairs Course Action Additions

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(1,1)

Acute Care Physical Therapy: PR: PHT 6306, PHT 7730C. Considerations and evidence-based evaluation, treatment, and management of patients in various settings within acute care. *Spring*.

30 character abbreviation: **Acute Care Physical Therapy**

Rationale: Course is an elective course in the terminal semester of the PT specialty topic area. Acute Care PT is a newly recognized "specialty" within the American Physical Therapy Association. This specialty area is not currently covered as a stand-alone course.

Effect on majors: DPT

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(1,1)

Advanced Manual Therapy: PR: PHT 6716C, PHT 7721C. Concepts associated with advanced manipulative interventions in the context of physical therapy care. Indications and contra-indications will be reviewed and applied in a clinical context. *Spring*.

30 character abbreviation: **Advanced Manual Therapy**

Rationale: Course is an elective option in the terminal semester of the PT specialty topic area. Course will help prepare students for advanced clinical practice development upon graduation. This specialty area is currently briefly covered in the existing curriculum, but not as in-depth as this course.

Effect on majors: DPT

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(1,1)

Advanced Neurological Treatment: PR: PHT 6719, PHT 6719L, PHT 7772C. This course can provide third year students with the opportunity to further explore evidence based neurological intervention. *Spring.*

24 of 30 character abbreviation: **Advanced Neuro Treatment**

Rationale: Course is one of elective courses in terminal semester in PT specialty topic area. This specialty area is currently briefly covered in the existing curriculum, but not as in-depth as this course. This course will specifically approach the treatment aspect of neuro rehabilitation, which has been identified as a weakness of PT graduates.

Effect on majors: DPT

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(1,1)

Advanced Orthotics and Prosthetics: PR: PHT 6245, PHT 6245L. Advanced considerations for the amputee patient with regards to rehabilitation. Students will review the primary focal issues surrounding rehabilitation after an amputation and how prosthetics may assist with functional return. *Spring.*

27 of 30 character abbreviation: **Adv Orthotics & Prosthetics**

Rationale: Course is an elective option in the terminal semester of the PT specialty topic area. This course will offer advanced considerations of treating patients with orthotics and prosthetics and build off foundational modules. Knowledge of topic is essential to those who will work in geriatric settings and VA facilities.

Effect on majors: DPT

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(2,1)

Management of Physical Therapy Services II: PR: PHT 6521. Application of management, finance and economic health-related principles for strategy development, implementation and assessment for the physical therapy manager. *Fall.*

28 of 30 character abbreviation: **Management of PT Services II**

Rationale: Course addition, along with PHT 6521, will complete management sequence in DPT curriculum to allow for comprehensive coverage of physical therapy practice management concepts with focus on issues in the healthcare system directly affecting physical therapists as clinical practitioners.

Discussion with others: Met and discussed addition of course with Dr. Dawn Oetjen, Department Chair of HMI. She was supportive of addition due to its emphasis on issues as they relate to the rehabilitation providers (PT, OT)

Effect on majors: DPT

Tabled. Hold for DPT proposal

PHT 7XXXC HPA-Health Professions 2(1,1)

Sports Physical Therapy: PR: Admission to DPT program. Considerations and evidence-based evaluation, treatment, and management of patients with sport-related injuries. *Spring.*

30 character abbreviation: **Sports Physical Therapy**

Rationale: Course is an available elective in the terminal semester of the PT specialty topic area. This specialty area is currently not directly taught within the UCF DPT curriculum.

Discussion with others: N/A

Tabled. Check to see if independent study has a standard number.

PAF 7908 HPA-Public Affairs Variable

Directed Independent Study: PR: Admission to Public Affairs PhD program or C.I. Graded either S/U or Letter. May be repeated for credit. *Occasional.*

17 of 30 character abbreviation: **Independent Study**

Discussion with others: N/A

Tabled. Check to see if other departments have been contacted.

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

Core Concepts of Child and Adolescent Trauma: PR: Graduate status or C.I. Trauma informed concepts applied to practice with children and adolescents. *Fall, Spring.*

30 of 30 character abbreviation: **Core Concepts Child & Adol Trauma**

Rationale: Participating in national faculty learning collaborative sponsored by Fordham University and the National Center for Social Work Trauma Education and Workforce Development to train faculty on courses that focus on trauma informed practice. Two key conceptual frameworks provide the overarching organization principles: 1) the Trauma paradigm and 2) Problem-based learning.

Effect on majors: Social Work, Childhood Education, Sociology, Psychology

College of Optics & Photonics Special Topics

OSE 6938 Sect 01 OPT-Optics 3(3,0)

ST: Photonic Polymer Materials: PR: GS, Undergraduate degree in Chemistry/Physics/Engineering, or CI. This course reviews the optical and electronic properties in polymers and organic molecules that are highly critical for photonic and opto-electronic applications. *Occasional.*

30 character abbreviation: **ST: Photonic Polymer Materials**

Rationale: Need for students in Optics, Materials and other disciplines to learn about Photonic Polymer Materials at the graduate level. Currently there is no course that covers this.

Discussion with others: Chemistry and MMAE has been notified and we will forward their response.

OSE 6938 Sect 01 OPT-Optics 3(3,0)

ST: Research Seminar in Optics and Photonics: PR: GS. This course will prepare students to search for research articles, and understand the process of publishing and presenting scientific results at conferences and colloquia. *Occasional.*

30 of 30 character abbreviation: **ST: Res Sem in Opt & Photonics**

Rationale: This new graduate course at CREOL will take the format of a research seminar. It will prepare students to search for research articles, and understand the process of publishing and presenting scientific results at conferences and colloquia. Ethical issues associated with research activities will be discussed. Subsequently, the course will be mainly based on two types of activities. In the first part, the instructor(s) will go over several topics of current interest with the aim of preparing the students for independently evaluating scientific research in the area of optics and photonics. In the second part, the instructor will supervise the students choosing a research paper (or multiple papers on the same topic), presenting a seminar on the topic, evaluating it, and suggesting ways to extend or improve it. The students will also be involved in evaluating the presentations of each other. The aim of the course is not to focus on any one specific topic or subject in optics, but instead to enable the student to independently carry out research in optics and photonics at a high level.

Discussion with others: Not necessary

Engineering & Computer Science Course Action Revisions

Tabled. Check with department regarding a higher level prerequisite.

TTE 6205 Highway Capacity 3(3,0)

PR: TTE 4004 3810 or C.I.

Highway capacity for all functional classes of highway. Traffic signalization including traffic studies, warrants, cycle length, timing, phasing and coordination.

Tabled. Check with department regarding a higher level prerequisite.

TTE 6256 Traffic Operations 3(3,0)

PR: TTE 4004 ~~and STA 3032~~ 3810 or C.I.

Fundamental theories and applications of traffic movements on streets and highways.

Tabled. Check with department regarding a higher level prerequisite.

TTE 6270 Intelligent Transportation Systems 3(3,0)

PR: TTE 4004 3810 or C.I.

Theories and applications of intelligent vehicle highway systems in transportation engineering.

Tabled. Check with department regarding a higher level prerequisite.

TTE 6315 Traffic Safety Analysis 3(3,0)

PR: TTE 4004 ~~and C.I.~~ 3810 or C.I.

Understanding crash research concepts, and identifying factors contributing to traffic crash occurrence.

EEL 5820 Image Processing 3(3,0)

PR: MAP 2302, ~~EGN 3420~~, EEL 4750 or C.I.

Two-dimensional signal processing techniques; pictorial image representation; spatial filtering; image enhancement and encoding; segmentation and feature extraction; introduction to image understanding techniques.

Rationale: One of the current prerequisites, EGN 3420, will be eliminated from the curriculum.

EEL 5825 Pattern Recognition 3(3,0)

PR: ~~EGN 3420~~ PR: EEL 4750 or C.I.

Preliminaries of pattern recognition, Bayesian Decision Theory, linear discriminant functions, Neural Network approaches, decision tree classifiers, unsupervised learning and clustering, non-parametric techniques, and other topics reflecting the state-of-the art.

Rationale: The current prerequisite, EGN 3420, will be eliminated from the curriculum.

EAS 5407 Mechatronic Systems 3(3,0)

EAS 5407C 3(2,3)

PR: ~~EML 4312C~~ or C.I. 3034C.

~~Discrete control techniques for aerospace mechatronic systems. Controller design, test and evaluation applications.~~

Discrete control techniques for aerospace mechatronic systems. Controller design, test and evaluation.

Rationale: Changing pre-requisite course(s); addition of a lab section which will be very beneficial to students to improve their hands-on experience. This Mechatronics course heavily involves many real system components, such as memory devices, flip-flops, counters, FPGA, CPLD, actuators and sensors. By including a lab section, the students can run experiments themselves and therefore enhance the concepts that they learnt in the lectures.

~~EAS 6807~~ **Aerospace Measurements Instrumentation** **3(3,0)**

~~EAS 6807C~~ **3(2,3)**

~~PR: EML 4312C, PR: EAS 6507, EML 5060, and C.I. EML 5713, EML 5152 or C.I.~~

~~Inertial instruments (i.e. gyros, accelerometers), thermal, fluid, optical sensors and actuators, for space and aerodynamic applications. May be repeated for credit.~~

Inertial instruments (i.e. gyros, accelerometers), thermal, fluid, optical sensors and actuators, for space and aerodynamic applications.

Will no longer be repeatable for credit.

Rationale: Changing pre-requisite course(s); addition of a lab section will be very beneficial to students to improve their hands-on experience. This course heavily involves many real system components, such as hot wire/hot film probes, particle image velocimetry and heat exchangers. Allowing hands-on experience with this material enhances the concepts covered in lecture.

EML 5237 Intermediate Mechanics of Materials **3(3,0)**

~~PR: EML 3500, 3500 or EAS 4200, EML 5060.~~

Elements of elasticity. Failure theories. Bending and torsion. Thin plates. Energy principles.

Thick-walled cylinders. Applications to design.

Rationale: To allow undergraduate students from both Aerospace and Mechanical backgrounds to enroll in this course

~~EML 5211~~ **Continuum Mechanics** **3(3,0)**

~~EML 6XXX~~

~~PR: EML 3500 or EML 4703 or EAS 4200 or C.I. 5237.~~

~~Introduction to tensors; deformation and strain; stress; balance laws; laws; constitutive equations; applications in Newtonian fluid dynamics and isotropic linear elasticity.~~

Rationale: Continuum Mechanics was brought to a 5000 level course in late 1998 and required of all mechanical engineering students, both in mechanical systems and thermo-fluids as well as aerospace students. Upon revision of our curriculum, Continuum Mechanics is now only required of mechanical system students and the level of the course content will now reflect a higher level of theory and practice focused mainly in solid mechanics. Moreover, there will be three 5000 level courses required of mechanical systems students (Math. Methods in MMAE, Int. Mechanics of Materials, and Int. Dynamics), complemented by the required 6000 level continuum mechanics course.

Effect on majors: MSME

Health & Public Affairs Course Action Revisions

SPA 6057 Methods in School Speech-Language Pathology **3(3,0)**

~~PR: Graduate standing.~~ PR: Admission to MA in Communication Science or CI.

The study of essential concepts, methods and procedures used in school-based, speech-language pathology.

SPA 6245 Communication Disorders in Cleft Palate-Velopharyngeal Dysfunction 3(3,0)

~~PR: Graduate status.~~ PR: SPA 6204, SPA 6211C or CI.

Introduction to the management of communication and feeding disorders related to cleft palate and/or velopharyngeal dysfunction.

SPA 6401 Language Disorders in Infants and Toddlers 3(3,0)

~~PR: Graduate status.~~ PR: SPA 6496.

Assessment and intervention of communication disorders in infants and toddlers incorporating transdisciplinary and family-centered models.

SPA 6503C Entry-Level Clinical Practicum 3(1,4)

~~PR: SPA 4501L or equivalent.~~ PR: Admission to MA in Communication Science or CI.

Entry-level supervised practicum in evaluation and management of speech, language and hearing disorders.

SPA 6843 Severe Language-Based Reading and Writing Disabilities 3(3,0)

~~PR: Graduate Status.~~ PR: Admission to Communication Science & Disorders MA or C.I.

Development, assessment, and instruction of reading, writing, and spelling, with emphasis on phonemic awareness, decoding, text comprehension, spelling, and written expression.

30 of 30 character abbreviation: **Severe Lang Base Read&Writ Dis**

CCJ 6038 Violent Crimes and Criminals 3(3,0)

~~PR: CCJ 5456, CCJ 5015~~ PR: Admission to Criminal Justice graduate program or C.I.

This course provides critical examination of violent crimes and criminals. Students will focus on gathering, reviewing, analyzing and synthesizing evidence-based data on violent crime.

CCJ 6335 Criminal Justice Sentencing and Punishment Policy 3(3,0)

~~PR: Graduate standing~~ PR: Admission to Criminal Justice graduate program, graduate certificate, or C.I.

This course critically examines the impact of sentencing policy on the correctional system, offenders, their families and the communities to which they return upon release.

CCJ 6730 Planned Change and Innovation in Criminal Justice 3(3,0)

PR: Admission to Criminal Justice Master's program, Criminal Justice Graduate Certificate program or C.I.

~~This course will provide participants with an understanding of planned individual and organizational change so that they may become successful agents of such change~~

This course will provide participants with an understanding of planned individual and organizational change so that they may become successful agents of such change.

~~CCJ 5073~~ Data Management Systems for Crime Analysis 3(3,0)

CCJ 6XXX

~~PR: Graduate standing or C.I.~~ PR: Admission to Criminal Justice degree or certificate program or C.I.

This course is designed to provide the conceptual basis, understanding, and skills necessary for complex crime data manipulation.

30 of 30 character abbreviation: Data Mgmt Sys for Crime Analys

~~CCJ 5617~~ **Mental Disorder, Crime, and Criminal Justice 3(3,0)**

CCJ 6XXX

PR: CCJ 5456, CCJ 5015, or C.I.

An overview of the relationship between mental disorder, crime, and the criminal justice system.

~~CCJ 5489~~ **Professionalism in Criminal Justice Organizations 3(3,0)**

CCJ 6XXX

~~PR: Graduate standing~~ PR: Admission to CJ master's program or C.I.

Historical evolution of professionalism in criminal justice organizations and how it has changed the structure or practices of each involved agency.

26 of 30 character abbreviation: Professionalism in CJ Orgs

~~CJE 5688~~ **Cyber Crime and Criminal Justice 3(3,0)**

CJE 6XXX

PR: CCJ 5015. 5015 or C.I.

Deals with the problem of cyber crime and the criminal use of the Internet. Includes investigation, enforcement and legal issues.

~~CJE 5120~~ **Personnel Management in Criminal Justice Organizations 3(3,0)**

CJE 6XXX

~~PR: Graduate standing~~ PR: Admission to Criminal Justice master's program or C.I.

This course provides a general overview of the issues and problems in the management of criminal justice agencies with an emphasis on best practices.

~~HIM 6816~~ **~~Practicum in Health Care Informatics~~ 3(3,0)**

Health Care Informatics Capstone

PR: All courses in the Health Care Informatics program.

The practicum course addresses the process of transforming data to information, knowledge and practice in a health care setting. An operations management challenge that is amenable to IT interventions in a health care organization shall be identified.

25 of 30 character abbreviation: Health Care Info Capstone

~~HSA 6155~~ **Health Economics and Policy 3(3,0)**

~~PR: Microeconomics or C.I.~~ PR: HSA 5436 or passing grade on Economic Assessment Exam or C.I.

Examines how the interests and interactions of patients, providers, insurers, the government, and others impact the allocation and distribution of health care.

Tabled. Hold for DPT proposal.

~~PHT 5125L~~ **Clinical Kinesiology Lab**

~~2(0,2)~~

2(0,4)

CR: PHT 5125.

~~Concerned with the evaluation and practical application of aspects of human movement, joint mechanics of the upper and lower extremity, vertebral column and soft tissues.~~

Graduate level study of human musculoskeletal movement with an emphasis on joint mechanics and clinical applications.

Rationale: Revise course description to more accurately describe content of course. Also adjusting contact hours to be reflective of the current practices of the course. Has been taught as 4-contact hour lab since 2007 because it is the foundation to many clinical courses in curriculum and more time is required to thoroughly cover topics.

Effect on majors: DPT Physical Therapy

Tabled. Hold for DPT proposal.

PHT 6156C Applied Human Physiology for Health Sciences ~~5(4,5)~~

5(3,2)

PR: Admission to ~~Physical Therapy Program or M.S.in Health Sciences.~~ DPT program.

Course provides in-depth study of human cardiovascular, hemopoietic, respiratory, gastrointestinal, renal and reproductive systems with emphasis on mechanisms responsible for maintaining homeostasis.

Rationale: Change contact hours to reflect the teaching of the course in the past several years.

Effect on majors: DPT

Tabled. Hold for DPT proposal.

~~PHT 6374 Gerontology in Physical Therapy~~ ~~2(2,0)~~

PHT 6374C Gerontology in Physical Therapy Practice 2(2,1)

PR: Admission to DPT program.

~~Normal aging processes and health status of older people. Clinical decision making is emphasized in the care of the elderly.~~

This course provides an introduction to physiological aging, the health status, and physical therapy management of the older adult. The course will focus on the normal aging process and its impact on the delivery of physical therapy to this population.

26 of 30 character abbreviation: **Gerontology in PT Practice**

Rationale: Revision of the course description to more accurately describe content of course. Also adjusting contact hours to be reflective of course efforts in lab setting where students learn course topics both at UCF and off-campus in healthcare settings.

Effect on majors: DPT Physical Therapy

Tabled. Hold for DPT proposal.

PHT 7822C Advanced Clinical Education I ~~6(1,40)~~

PR: Admission to DPT program.

Collaborative course for ~~2nd~~ 3rd year students to meet, analyze, synthesize and discuss current ethical, legal, and moral decision-making in physical therapy clinical setting culminating in internship. Graded S/U.

Tabled. Hold for DPT proposal.

~~PHT 7823L Advanced Clinical Education II~~ ~~3(0,15)~~

PHT 7823C 4(1,20)

PR: PHT 7822C.

~~The clinical education sequence in the clinical internship. The student will affiliate in one to two different settings. Graded S/U.~~

Clinical education course to synthesize ethical, legal, and professional contemporary practice with evidence-based intervention, culminating in a full-time, 8-week clinical internship in physical therapy practice setting. Graded S/U.

Rationale: Revision of description to clarify and sync description with other clinical ed courses offered and include duration of the clinical internship. Lengthened due to advance nature of internships offered. Contact hours adjusted to reflect increased time and also contact time with instructor prior to clinical internship for training, formal meetings, and requirements

Effect on majors: DPT

Tabled. Hold for DPT proposal.

~~PHT 7829L~~ Advanced Clinical Education III ~~3(0,15)~~

PHT 7829C 4(1,20)

PR: PHT 7823L.

~~The clinical education sequence culminates in a final six-week clinical internship prior to graduation. Students have opportunity to integrate the many roles and responsibilities of the physical therapist. Graded S/U.~~

Clinical education course to synthesize ethical, legal, and professional contemporary practice with evidence-based intervention, culminating in a full-time, terminal 8-week clinical internship in physical therapy practice setting prior to graduation. Graded S/U.

Rationale: Revision to clarify and sync description with other clinical education courses offered and include duration of the clinical internship. Lengthened due to advance nature of clinical internships offered. Contact hours adjusted to reflect increased time and contact with instructor for training, formal meetings, and requirements.

Tabled. Ask for prerequisite.

PAF 7919 RESEARCH ~~VAR~~

Variable

PR: None.

Graded S/U. May be repeated for credit. Will now be graded S/U.

Graduate Council Curriculum Committee **Minutes for CON for 11-30-2011**

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

College of Nursing Course Action Additions

NGR 7XXX CON-Nursing 3(3,0)

Doctoral Scholarship II: PR: NGR 7XXX Doctoral Scholarship or C.I. A continuation of Doctoral Scholarship with an emphasis on synthesizing the research and theoretical literature related to the students area of research. May be used in the degree program a maximum of 2 times. *Occasional*.

14 of 30 character abbreviation: **PhD Seminar II**

Rationale: New course in the PhD track. Course added to support synthesis of research literature in support of dissertation development.

NGR 7XXX CON-Nursing 3(3,0)

Qualitative Methods in Nursing and Healthcare II: PR: NGR 7815 Qualitative Methods I or equivalent or C.I. I. Application of qualitative methodologies for in-depth study of nursing and health-related phenomena; hands-on experience with data collection, analysis, and interpretation. May be used in the degree program a maximum of 2 times. *Fall*.

30 of 30 character abbreviation: **Qual Meth Nurs & Healthcare II**

Rationale: New national recommendations for nursing PhD programs include advanced methodological training, particularly as this relates to student ability to conduct their dissertation research. This course provides the advanced level training in qualitative methods needed for those students who are conducting a qualitative dissertation. Note: Students will have the option of choosing NGR 7XXX Qualitative Methods in Nursing and Healthcare II or NGR 7818 Quantitative Methods in Nursing and Healthcare II (or an equivalent advanced statistical course offered in COPHA, COE, or COS).

Discussion with others: We conducted a search of courses teaching content on qualitative methodology at UCF. Content in this general area is currently covered in courses offered in the College of Education, and the Sociology, and Mass Media Communication Depts. However, this content is either not at the same level of depth and/or does not have the health and health care focus that this proposed new course has.

NGR 7XXX CON-Nursing 3(3,0)

Research Approaches & Designs for Nursing and Healthcare: PR: Doctoral standing in the College of Nursing or C.I. Quantitative and qualitative approaches to studying nursing and health related phenomena; ethical issues; internal and external validity; comparison of designs. May be used in the degree program a maximum of 2 times. *Fall*.

30 of 30 character abbreviation: **Res Approach & for Nurs & Heal**

Rationale: New national recommendations for PhD programs in nursing argue for increased methodological rigor. In addition, CON annual student evaluation, degree completion, and Institutional Effectiveness data indicate students need more preparation to be successful in proposal development and writing. This new course provides increased depth in quantitative research design, and uses course assignments to begin development of students proposal writing skills.

Discussion with others: Course review syllabus has been shared with COHPA. See proposal

College of Nursing Course Action Revisions

NGR 7815 ~~Qualitative Methods in Nursing Research~~ 3(3,0)

Qualitative Methods in Nursing Research and Healthcare I

PR: Doctoral standing in the College of Nursing or C.I.

~~In depth knowledge of qualitative research theories, designs and methods for nursing research. Application of theory to a contemporary problem. May be used in the degree program a maximum of 2 times.~~

Knowledge of qualitative research designs and methods for studying nursing and health-related phenomena. Course May be used in the degree program a maximum of 2 times.

30 of 30 character abbreviation: **Qual Meth Nurs Res & Healthcar**

Rationale: This course now builds on introductory content about research approaches covered in new Research Approaches & Designs for Nursing and Healthcare course. This course continues to be required for all nursing PhD students but now also serves as the foundation for a new second, higher level course in qualitative research (Qualitative Methods in Nursing and Healthcare II). These program changes required changing one of the course objectives.

Discussion with others: We conducted a search of courses teaching content on qualitative methodology at UCF. Content in this general area is currently covered in courses offered in the College of Education, and the Sociology, and Mass Media Communication Depts. However, this content is either not at the same level of depth and/or does not have the health and health care focus that this existing course has.

NGR 7817 ~~Quantitative Methods for Nursing Research I-3(3,0)~~

Quantitative Methods for Nursing and Healthcare I

PR: Doctoral standing in the College of Nursing PR: NGR 7XXX Research Approaches & Designs for Nursing and Healthcare or C.I.

Designing quantitative studies and related statistical analysis; maximizing statistical power; ethical issues related to nursing research. May be used in the degree program a maximum of 2 times.

30 of 30 character abbreviation: **Quant Meth Nurs & Healthcare I**

Rationale: This course now builds on introductory content about research approaches and quantitative designs covered in new Research Approaches & Designs for Nursing and Healthcare course. This course continues to be required for all nursing PhD students but now also serves as the foundation for a second, higher level course in quantitative research methods (Quantitative Methods for Nursing and Healthcare II). These program changes required changing some course objectives and topics. In addition, we have revised the course title and description to include the phrases "and healthcare" to be responsive to national recommendations for nursing PhD programs to prepare students to work as members and leaders of interdisciplinary research teams.

Discussion with others: A review of courses listed in the course catalog by COPHA, COE, CBA, and COS indicates that there is no duplication or conflict.

NGR 7818 ~~Quantitative Methods for Nursing Research II-3(3,0)~~

Quantitative Methods for Nursing and Healthcare II

PR: NGR 7818: 7817 Quant Methods I or its equivalent or C.I.

Advanced research designs; multivariate and biostatistical data analysis in nursing and health related research. May be used in the degree program a maximum of 2 times.

30 of 30 character abbreviation: **Quant Meth Nurs & Healthcare I**

Rationale: New national recommendations for nursing PhD programs include advanced methodological training, particularly as this relates to student ability to conduct their dissertation research. This course provides the advanced level training in quantitative methods needed for those students who are conducting a quantitative dissertation. Existing objectives and topics that related to advanced topics in quantitative methodology have been retained. Some new course objectives and topics have been added

to reflect the addition of new advanced topics. In addition, we have revised the course title and description to include the phrases "other health related disciplines" and "other health related research" to be responsive to national recommendations for nursing. New national recommendations for nursing PhD programs include advanced methodological training, particularly as this relates to student ability to conduct their dissertation research. Note: Students will have the option of choosing between NGR 7818 Quantitative Methods for Nursing and Healthcare II or its equivalent (e.g., advanced statistical course offered in COPHA, COE, or COS), and NGR 7XXX Qualitative Methods in Nursing and Healthcare II. programs to prepare students to work as members and leaders of interdisciplinary research teams.

Discussion with others: A review of courses currently being offered in COPHA, COE, COBA, or COS indicate no duplication or conflict.