

UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of February 17, 2016 meeting	
Recorder	Veronica Bodden
Guests Present	Michael Gilbrook, Jane Gibson, Derek Green, Elexis Ritz, Gene Paoline, Ranetta Guinn, Ross Wolf, Alice Noblin, Scott Branting, John Walker, Vingru Li, Tim Hawthorne, Will Moreto, Taeyoung Lee, Michele Upvall, Susan Chase
Staff Members	Rhonda Nelson
Files	2016-02-17 Course Minutes 

Welcome and call to order. Dr. Deborah Breiter Terry, chair, called the meeting to order at 3:45pm and welcomed the committee and guests. A quorum was established. The minutes from the February 3, 2016 meeting were reviewed and approved.

Material & Supply Fees tabled at the November 18, 2015 meeting. Upon committee review of updated data provided by Dr. Kassab via e-mail, material and supplies fees for BME 6XXXXC Bioinstrumentation, BME 5587C, Mechanics of Biostructures I and BME 5588C, Mechanics of Biostructures II, were unanimously approved.

Addition of Geographic Information System (GIS) Certificate program, CGS/Interdisciplinary Studies. Dr. Gilbrook, along with his team and with the support of Dr. Weishampel, informed the committee of the intent to incorporate a 12-hour certificate program which will provide students with a fundamental understanding of a wide spectrum of GIS concepts and skills. This program will serve existing graduate students from a variety of colleges along with new students to UCF that specifically enroll for this program. Post review of criteria, the committee unanimously approved this program.

Revision to Correctional Leadership Certificate, COHPA/Criminal Justice. Dr. Paoline along with Elexis Ritz and with the support of Dr. Wolf presented this item to the committee. The revisions necessary for students to progress through the certificate program entail placing course CJL-6568 as an elective and replacing it with Administration of Justice, CCJ-546, as well as the addition of two (2) electives, Criminal Justice Organizations CCJ-6118 and Nature of Crime CCJ-5015. These revisions were unanimously approved by the committee.

Additional of Global Health and Public Affairs Graduate Certificate, COHPA. Dr. Wolf explained that this certificate program will prepare students for education, research, services and community partnership development roles in international contexts and further provides opportunities to engage in collaborative learning to advocate the improved health and welfare in global communities. This certificate will be open to students admitted to any graduate program offered by the College of Health and Public Affairs. Discussion ensued amongst committee members and COHPA representatives culminating in a decision to approve pending further clarification via course prefix, with two committee members' objection, pending further clarification via course prefix, as well as written agreement from the College of Medicine.

Course replacement in the Health Information Administration Certificate, COHPA. Dr. Noblin presented this request to the committee. The intent is to replace HSA 6175, Advanced Trends in Health Care Finance and Management, with HSA 6179, Financial Accounting for Health Care Managers. The reason for such change is due to low enrollment in HSA6175; 1 student total. The committee inquired about alignment of course objectives, syllabi comparisons and rationale. The committee unanimously agreed to table decision on this course replacement request pending review of syllabi of both classes and detailed rationale for said change.

Revisions to Juvenile Justice Leadership Certificate, COHPA/Criminal Justice. Dr. Wolf informed the committee that this program is requesting permission to add two (2) courses to the list of approved electives. The committee unanimously approved.

Revision to Police Leadership Certificate, COHPA/Criminal Justice. Dr. Wolf informed the committee that this program is requesting permission to add, one course to the list of approved electives. The committee unanimously approved.

Revisions to the Nurse Educator program, CON. Dr. Chase of the College of Nursing explained that due to a recent curriculum analysis completed in preparation of an upcoming accreditation site visit, the following revisions were recommended; two courses will no longer be required, NGR 5003/L Advanced Health Assessment and Lab, and Advanced Nurse Specialty Restrictive Elective. Furthermore, the required Nurse Educator Nursing courses will change from 18 credit hours to 21, by adding NGR 5XXX and NGR 5638, Core Clinical Concepts for Nurse Educators and Health Promotion, correspondingly. The committee unanimously approved all above mentioned revisions.

Courses and Special Topics. To review a list of approved courses, please see the attached course minutes. Dr. Weishampel gave an update to the committee regarding ESI 6938, which was previously tabled. Post much consideration by all parties involved the course title has now been rectified to align better with the course description, as well as, the course number will be listed as a 7XXX. The

Statistics department has agreed to these changes in writing, therefore, the committee unanimously agreed to the addition of ESI 7XXX, Optimization and Data Mining of Industrial Engineers.

Adjournment. The meeting adjourned at 4:45 p.m. The next meeting is scheduled for March 2, 2016.

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Course Minutes

February 17, 2016

1. Course Additions

College of Engineering and Computer Science Course Additions

Approved – see Agenda Minutes for details.

BME 6XXXC

ECS-MECH/AERO

3(2,2)

Bioinstrumentation: PR: BME 5587C or C.I. An introduction to the fundamental theory and experimental techniques needed for performing bioengineering measurements, designing related experiments, and analyzing experimental results. *Fall*.

Abbrev: (18 of 30 chars) Bioinstrumentation

Majors taking course: Bioengineering MS

College of Medicine Course Additions

Tabled pending further clarification of below listed:

NOTE: The Master of Science in Genetic Counseling is a new program that is going to BOT in July 2016. The planned start term is Fall 2017.

Discussion ensued with the below outcomes:

- Dr. Gibson presented the COM course additions. Attention was brought to the prefix changes – listed below in red.
- Duplication of UCF available courses vs. COM Master of Science in Genetic Counseling program courses.
- Cost recovery/market rate students courses and possibility of COHPA to teach the following courses: Healthcare Economics, Ethics, Clinical Practice of Individuals.

MDE 6XXX

COM-

3(3,0)

Advanced Genetic Counseling 1: PR: Matriculation into the MS Genetic Counseling Program. An overview of the advanced principles of genetic counseling; understanding the importance of pedigree, how to build a rapport with patients, and prepare for interactions with clients. *Fall*.

Abbrev: (24 of 30 chars) ADV GENETIC COUNSELING 1

Discussion with others: Discussions have been held with faculty in the Colleges of Nursing, Health and Public Affairs, and Education about participation in the program. Rationale: The Accreditation Council for Genetic Counseling requires that the content of the program include core knowledge about established and evolving medical and clinical genetics and for the learners to apply this knowledge to patient care. It will be sufficient in breadth and depth to prepare the student for the clinical practice of genetic counseling, fulfill the ACGC standards for accreditation, and address the 15 learning outcomes for the program.

MDE 6XXX

COM-

3(3,0)

Advanced Genetic Counseling 2: PR: Matriculation into MS Genetic Counseling Program. Overview to continue the advanced principles of genetic counseling 2; the history of genetic counseling, the professional organizations, practice guidelines, and code of ethics.

Health and Public Affairs, and Education about participation in the program. Rationale: The Accreditation Council for Genetic Counseling requires that the content of the program include core knowledge about established and evolving medical and clinical genetics and to apply this knowledge to patient care. It will be sufficient in breadth and depth to prepare the student for the clinical practice of genetic counseling, fulfill the ACGC standards for accreditation and address the 15 learning outcomes for students.

All MDE 8XXX College of Medicine courses were unanimously approved by the committee.

MDE 8XXX **COM-MED** **3(3,0)**
Advanced ECG Self-Study Elective: PR: Completion of the M3 year. Students will engage in a 2 week intense ECG self-study review with weekly meeting sessions. *Spring, Summer, Fall.*
Abbrev: (32 of 30 chars) Advanced ECG Self-Study Elective

MDE 8XXX **COM-MED** **6(6,0) Clinical**
Cardiology Elective: PR: Completion of the M3 year. Clinical rotation in cardiology with emphasis on gaining basic knowledge in diagnosis and management of common cardiovascular conditions. *Spring, Fall.*
Abbrev: (28 of 30 chars) Clinical Cardiology Elective

MDE 8XXX **COM-MED** **6(6,0) Elective**
in Orthopaedic Patient Care and Surgical Techniques: PR: Completion of the M3 year. M4 students will be exposed to the daily interactions with patients needing musculoskeletal care, medical evaluations, review of history, care options and surgical techniques. All patients are sports medicine related injuries. Students will get exposure to orthopedic sports medicine injuries and arthritic condition of the lower extremity. *Spring, Fall.*
Abbrev: (60 of 30 chars) Elective in Orthopaedic Patient Care and Surgical Techniques

MDE 8XXX **COM-MED** **6(6,0)**
Pediatric Otolaryngology Elective: PR: Completion of the M3 year. This rotation will allow students interested in pediatric primary care to spend time with our busy service learning about medical and surgical care of common pediatric head and neck, upper airway, and otologic conditions of children. This will take place in the inpatient/outpatient/operating room settings. *Spring, Fall.*
Abbrev: (33 of 30 chars) Pediatric Otolaryngology Elective

MDE 8XXX **COM-MED** **3(3,0)**
Elective in Patient and Family Centered Care: PR: Completion of the M3 year. This elective introduces fourth year medical students to the philosophy and practice of Patient and Family Centered Care through active engagement in clinical experiences that underscore basic PFCC tenants of respect and dignity, collaboration, open information sharing and meaningful participation which correlate directly to three of the Association of American Medical Colleges' Entrustable Professional Activities for medical students. *Spring, Fall.* **Abbrev: (44 of 30 chars)**
Elective in Patient and Family Centered Care

MDE 8XXX **COM-MED** **3(3,0)**

The History of Western Medicine Elective: PR: Completion of the M3 year. This course will explore the history of medicine from Hippocratic medicine to the sequencing of the human genome through the biography of its most prominent figures. *Spring, Fall.*

Abbrev: (40 of 30 chars) The History of Western Medicine Elective

MDE 8XXX

COM-MED

6(6,0)

Gynecologic Oncology Elective: PR: Completion of the M3 year. The student works with two experienced educators on a busy service. There is a large volume of tumor/cancer cases (robotic, laparoscopic, open, perineal). *Spring, Fall.*

Abbrev: (29 of 30 chars) Gynecologic Oncology Elective

College of Nursing Course Additions

Approved unanimously by the committee.

NGR 5XXX

CON-

3(3,0) Core

Clinical Concepts for Nurse Educators: PR: Admission to the Graduate Nursing Program or C.I; NGR 5141 or equivalent. Integrate concepts of Pharmacology and Health Assessment. Provides the foundation for Advanced Nursing Practice within the Nurse Educator role. *Spring, Fall.*

Abbrev: (31 of 30 chars) Core Clin Concepts for Nsg. Ed.

Discussion with others: No possible duplications and conflicts with other departments of colleges as this is unique to the College of Nursing

Rationale: Nurse Educator students will no longer be required to take NGR 5003/L. Students will instead take NGR 5XXX as their required course

Majors taking course: N/A

2. Special Topics Additions

College of Engineering and Computer Science Special Topics Additions

Approved – see Agenda Minutes under Courses and Special Topics for details.

ESI 7XXX

ECS-IEMS

3(3,0)

Optimization and Data Mining: PR: ESI 5306 or ESI 6418. Optimization modeling is widely used in operations research for a variety of applications such as scheduling, resource allocation, planning of facilities etc. In this course we will demonstrate another use of optimization, that of analyzing data. Basic optimization theory and popular data analysis algorithms from an optimization point of view. *Occasional.*

Abbrev: (23 of 30 chars) DM Apps of Optimization

Discussion with others: Comments were requested from Computer Science ("CS has no objections to this course" email from Dr. Gary Leavens, 3/30/2015 8:47 am) and Statistics.

3. Course Revisions

Approved – some pending lab fees (see below)

College of Engineering and Computer Science Course Revisions

~~applied to analysis of hard (bone) cellular processes and soft (organs, connective tissues, etc) biostructures~~ prosection anatomy lab on human anatomy and the analysis includes preparation and experimental testing for constitutive equations for predictive modeling- physiology.

Term Offered: ~~Occasional~~ Spring

Rationale: This course is Part II of a two semester course that is a core requirement for all students in biomedical engineering and will serve as the educational foundation for all future bme classes.

EML 5090 **Mechanical and Aerospace Seminar** **0(0,0)**

PR: Graduate standing or C.I.

The course is intended to help MAE graduate students practice public speaking, learn skills of scientific communication, expand their width of knowledge, and promote collaborations. May be repeated.

Term Offered: ~~Even~~ Fall, Spring

Graded SU: ~~No~~ Yes

Rationale: Correcting grading.

Majors taking course: MSAE, MSME, MEPh.D

College of Health and Public Affairs Course Revisions

PAF 7868 Advanced Statistics for Public Affairs III: Continued Survey of Statistical Methods 3(3,0)

PR: Admission to Public Affairs Ph.D. or C.I.

~~An Develops advanced statistical course that develops expertise in performing research methods skills which can include mixed methods, statistics skills, geographic information analysis, research syntheses, meta-analyses and meta-analyses, and/or economic analysis such as cost effectiveness analysis.~~

Discussion with others: N/A

Rationale: Clarification for students and faculty to understand that this course will cover different types of topics that may include an array of varying statistical areas.

Majors taking course: Public Affairs Ph.D.

SOW 6652 **~~Children Services in Social Work~~** **3(3,0)**
Child Welfare Services

PR: Admission to Master of Social Work program or C.I.

~~Study Provides a framework of societal responses knowledge, values and skills necessary to children's needs. Critical analysis work with maltreated children and their families. It also serves to introduce students to the field of social and organizational systems as it relates to delivery of child welfare services. Child Welfare (CW).~~

Abbrev (22 of 30): ~~Child Services in Social Work~~ Child Welfare Services

Term Offered: ~~Occasional~~ Spring

Discussion with others: None - this is an existing course unique to the School of Social Work

Rationale: Course is being revised to contain Department of Children and Families pre-service

curriculum as part of the state-wide Title IV-E grant for students participating in the stipend program. Per the DCF contract, students are required to learn the DCF pre-service curriculum. If space permits, students who are not in the Title IV-E program may also take the course.

College of Nursing Course Revisions

Approved

NGR 5141 Pathophysiological Bases for Advanced Nursing Practice 3(3,0)

PR: Admission to M.S. in Nursing or Doctor of Nursing Practice program or C.I.

Critical examination of the physiological and pathophysiological mechanisms affecting individuals. May be used in the degree program a maximum of 2 times.

Term Offered: Fall, ~~Spring~~ Spring, Summer

NGR 5884 Legal and Professional Behavior in Advanced Practice Nursing 3(3,0)

PR: Graduate standing and admission to the M.S. in Nursing or Doctor of Nursing Practice program.

Examination of legal, ethical, cultural, and political issues related to professional advanced practice nursing. May be used in the degree program a maximum of 2 times.

NGR 6305 Pediatric Primary Care 3(3,0)

PR: Admission to the Doctor of Nursing Practice program, Family Nurse Practitioner track; completion of NGR 5003, NGR 5003L, or C.I. PR or CR: NGR 6172. CR: 6305L.

Development of theoretical skills for evaluation, diagnosis, and management of the primary care needs of children and their families, including common normal and abnormal variations in physical, cognitive, and psychological development. May be used in the degree program a maximum of 2 times.

Term Offered: ~~Spring~~ Spring, Summer

NGR 6713 Curriculum Development in Nursing Education 3(3,0)

PR: Admissions to M.S. in Nursing program or certificate of Nursing Education, or C.I. Analysis of external and internal influences affecting curriculum development for the nursing education. Examination of societal factors impacting nursing education.

May be used in the degree program a maximum of 2 times.

NGR 6718 Evaluation in Nursing Education 3(3,0)

PR: NGR 6713; NGR 6791 or C.I.

Analysis of the process of systematic evaluation of learning outcomes at individual, class and program levels. May be used in the degree program a maximum of 2 times.

Term Offered: ~~Spring~~ Fall, Spring, Summer

NGR 6945L Clinical Specialty Practicum 1(0,1)

PR: NGR 5141 Pathophysiology; NGR 5003 & 5003L Advanced Health Assessment or C.I. Supervised clinical practice activities related to nursing care of common health problems of specific patient population. Graded S/U. May be used in the degree program a maximum of 2 times.

4. Course Deletions

Approved

College of Engineering and Computer Science Course Deletions

CEN 6081	ECS-EECS	3(3,0)
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Engineering Software Design in Distributed and Parallel Systems PR: EEL 4882 and EEL4884C or EEL 5881. This course will focus on engineering software design, implementation, configuration and performance evaluation of distributed and parallel systems. Rationale: Course has not been offered in five years and there are no plans to offer.

5. Course Continuations

N/A