Minutes
Graduate Council Curriculum Committee
February 21, 2018
2:30 p.m., Millican Hall 395E

Members Present: Kerry Purmensky, Jennifer Sandoval, Diane Andrews, Joshua Troche, Elsie Olan, Art Weeks, Steven Ebert, Cheyenne Ro, Mercedeh Khajavikhan

Administrators and Guests Present: Devon Jensen, Ross Wolf, Brandy Pieper, Mostafa Bassiouni, Jesse Mendez, Ahmad Elshennawy, Lynn Hepner, Qiyu Sun, Luis Arboleda, Bobby Jeanpierre, Lindsay Archambault, Susanne Pena, Jason Burrell, James Campbell

Welcome and call to order. Dr. Purmensky, chair, called the meeting to order at 2:30 p.m. and welcomed the committee and guests. A quorum was established. The minutes (curriculum, course) from the January 24, 2018 meeting were reviewed and approved.

Announcements
Dr. Jensen announced the timeline for transition to the University's new curriculum management system. The new system will be completely electronic incorporating both program and course actions. Due to the transition, the current system UC2 will be closed for entries after course decisions are entered for today's meeting. All future course actions will need to be entered in the new system once it is available in the Fall term. The Committee will hold a final meeting on March 7th to closeout program actions for the Spring term. No course actions will be reviewed at that meeting.

Addition of CEHP Dual Language Certificate effective Fall 2018.
Dr. Kerry Purmensky explained the certificate will provide K-12 teacher and other education professionals with course work in Dual Language programming. The certificate will be delivered as mixed mode. The program addition received unanimous approval.

Dr. Bobby Jeanpierre explained the certificate will focus on program evaluation related to the field of education. The program has not received the required library assessment. The College of Graduate Studies will review the library assessment when it is completed, and if the results are positive, the proposal will move forward. The Committee discussed some changes to the documentation: Remove “Master's degree” requirement from application requirements and catalog copy, Insert text explaining that registration in 7000 level courses will need program consent, and Change the program name on the application requirements section. The program addition received unanimous approval pending the library assessment and textual changes listed above.

Revision of CEHP Initial Teacher Professional Preparation Certificate effective Summer 2018.
Lindsay Archambault explained the revision is to provide students with additional co-requisite options. The program revision received unanimous approval.

- Adult-Gerontology Acute Care Nurse Practitioner (BSN to DNP) Track
- Adult-Gerontology Acute Care Nurse Practitioner Graduate Certificate program

Dr. Diane Andrews explained the revision is due to an increase in credit hours for course NGR 6230L. The course revision resulted in the total credit hours of the certificate increasing from 22 to 23 hours and the DNP total program credit hours increasing from 75 to 76 hours. The program revision received unanimous approval.

Inactivation of CAH Emerging Media MFA- Digital Media track effective Summer 2018.

Jason Burrell explained the inactivation is based on 2015-16 Academic Program Review recommendations. The new focus is on the Digital Media MA and the new track of the MFA-Animation and Visual Effects. The program director has already been in contact with Graduate Admissions and suspended applications for that track this past year. The program inactivation received unanimous approval.

Review of graduate certificates for sunsetting (report).

The Graduate Council Curriculum Committee reviews graduate certificate programs as part of the sunsetting provision set forth by the Faculty Senate. The rationale for this yearly review is to identify programs with no enrollment or marginal enrollment and establish whether they should be sunsetted in order to ensure that graduate certificate programs are kept current. The committee reviewed the 2017-2018 graduate certificate report and identified three certificate programs that need inquiry to determine whether they should be sunsetted.

Addition of CAH split level course: ART 4XXXc/5XXXc Advanced Sculpture.
The split level course addition received unanimous approval.

Addition of CAH split level course: ART 4XXXc/5XXXc Advanced Printmaking.
The split level course addition received unanimous approval.

Addition of CAH split level course: ART 4XXXc/5XXXc Advanced Painting.
The split level course addition received unanimous approval.

Addition of CAH split level course: FIL 4XXXc/5XXXc Feature/TV Writing.
The split level course addition received unanimous approval.

Addition of CAH split level course: FIL 4XXXc/5XXXc Documentary Production.
The split level course addition received unanimous approval.

Addition of CAH split level course: FIL 4XXXc/5XXXc Experimental Cinema.
The split level course addition received unanimous approval.

Courses and Special Topic.
To review the list of approved courses, please see the attached course minutes.

Adjournment.
The meeting adjourned at 3:50 p.m. The next meeting is scheduled for March 7, 2018. This will be the last meeting of the Spring semester.
February 21, 2018 - Course Minutes

1. Course Additions

**College of Arts and Humanities Course Additions-Approved**

All courses in College approved unless otherwise noted.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>PR Requirements</th>
<th>Credits</th>
<th>Semester(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 5XXXC</td>
<td>Advanced Sculpture</td>
<td>Admission to Emerging Media MFA, Studio Art track. Advanced problems in sculpture, including graduate level production, research, presentation, and evaluation criteria. Spring, Fall.</td>
<td>3(2,4)</td>
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<tr>
<td></td>
<td><strong>Abbrev:</strong> (18 of 30 chars) Advanced Sculpture</td>
<td>Repeat For Credit: True  Max Times: 2</td>
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<td><strong>Rationale:</strong> Academic Program Review recommendation: expand curriculum, increase student access to facilities, undergraduate exposure, recruitment, faculty, and class choices.</td>
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<td>Advanced Printmaking</td>
<td>Admission to Emerging Media MFA, Studio Art track. Advanced problems in printmaking, including graduate level production, presentation, and evaluation criteria. Spring, Fall.</td>
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<td></td>
<td><strong>Rationale:</strong></td>
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Feature/TV Writing: PR: Admitted to the Emerging Media MFA, Entrepreneurial Digital Cinema Track, and C.I. Writing workshop, examination of mythic storytelling, and ethics of scriptwriting. Fall.

Abbrev: (18 of 30 chars) Feature/TV Writing
Repeat For Credit: True Max Times: 2
Rationale: Those students who choose to make a narrative fiction film for their thesis project need to be able to take a writing course that will teach them the theories and professional practices associated with writing a feature length screenplay. Other students in the Emerging Media MFA may wish to take this as an elective.

FIL 5XXXC CAH-SVAD 3(1,3)
Split- Level Course
Documentary Production: PR: Admitted to the Emerging Media MFA, Entrepreneurial Digital Cinema Track or C.I. Tutorial-based studio course in which students author and apply narrative structure and production techniques to nonfiction film. Spring.
Abbrev: (22 of 30 chars) Documentary Production
Repeat For Credit: True Max Times: 2
Rationale: Those students who choose to make a documentary film for their thesis project need to be able to take a production course that will teach them the underpinning theories and professional practices associated with the nonfiction mode of filmmaking. Other students in the Emerging Media MFA may wish to take this as an elective.

FIL 5XXXC CAH-SVAD 3(2,4)
Split- Level Course
Experimental Cinema: PR: Admitted to the Emerging Media MFA, Entrepreneurial Digital Cinema Track or C.I. Tutorial-based studio course in which students author and apply narrative structure and production techniques to experimental film. Spring.
Abbrev: (19 of 30 chars) Experimental Cinema
Repeat For Credit: True Max Times: 2
Rationale: Those students who choose to make an experimental film for their thesis project need to be able to take a production course that will teach them the underpinning theories and professional practices associated with the experimental mode of filmmaking. Other students in the Emerging Media MFA may wish to take this as an elective.

College of Education and Human Performance Course Additions-Approved
All courses in College approved unless otherwise noted.

EDF 6XXX ED-E&HS 3(3,0)
Seminar in Program Evaluation: PR: Graduate Standing or C.I. This course will synthesize content learned in the other Program Evaluation certificate courses, so that the learner has a comprehensive understanding of how to carry out, interpret, and report the results of educational program evaluations to a variety of stakeholders. Odd Spring.
Abbrev: (16 of 30 chars)  Sem in Prog Eval
Rationale: This course is part of a new certificate in Program Evaluation that is being proposed.
Majors taking course: Students enrolled in the Program Evaluation Certificate program.

TSL 6XXX  ED-SOWK  3(3,0)
Assessment in Dual Language Programs: PR: Graduate Standing or C.I. This course provides a foundation for assessing language and academic proficiency in dual language programs. Spring.
Abbrev: (19 of 30 chars)  Assess in Dual Lang
Discussion with others: This course is supported by both the College of Education and Human Performance AND the Department of Modern Languages. No other duplication or conflict exists. This course is supported by the US Department of Education Office of English Language Acquisition for three years. There is a demonstrated need in Florida for this certificate, as no other Florida university currently offers this certificate. Dual Language school programs are growing exponentially in the United States. This certificate is fully grant funded for three years by the US Department of Education Office of English Language Acquisition (DOE OELA). Our current research indicates that there will be a growing number of public and private school teachers and administrators who will pursue this certificate at UCF in addition to the grant recipients.

With the increasing diversity in K-12 classrooms, educators need to be able to inform classroom instruction, specifically focused on classroom and authentic assessment of language and content in dual language programs. As a course targeting educators and researchers of dual-language students, content emphasizes theoretical and practical study of instruments and procedures for assessing culturally and linguistically diverse students. Educators need to be able to design and utilize formal and informal methods of evaluation to assess students social, emotional, cultural, linguistic, and academic development and achievement. This includes critical and comprehensive analyses of existing assessment tools for validity, reliability, and bias. Additionally, educators in dual language programs need to use assessment results to recognize language dominance and degree of bilingualism in dual-language students, including capacity to distinguish between levels of language proficiency in making decision of educational placement. They also need to differentiate between student-learning difficulties due to exceptionality and those due to second language acquisition processes.
Majors taking course: We anticipate that graduate in-service educators will be recommended to this certificate.

TSL 6XXX  ED-TL&L  3(3,0)
Curriculum and Instruction in Dual Language Programs: PR: Graduate Standing or C.I. This course is an introduction to methods and research in teaching of literacy to all bilingual learners, using the home language and new language. Spring. Abbrev: (26 of 30 chars)  Curr and Instruct Dual Lang
Discussion with others: This course is supported by both the College of Education and the Department of Modern Languages. No other duplication or conflict exists. The course is supported by the US Department of Education Office of English Language Acquisition for three years. There is a demonstrated need in Florida for this certificate, as no other Florida university
currently offers this certificate. The certificate is fully grant funded for three years by the US Department of Education Office of English Language Acquisition. Our current research indicates that there will be a growing number of public and private school teachers and administrators who will pursue this certificate at UCF in addition to the grant recipients.

**Majors taking course:** We anticipate that all graduate service educators will be recommended to enroll in the certificate.

**TSL 6XXX   ED-TL&L   3(3,0)**

**Bilingualism, Multiculturalism, and Biliteracy in the Dual Language Classroom**: PR: Graduate standing or C.I. This course is an introduction to methods and research in teaching of literacy to all bilingual learners, using the home language and new language. *Fall.*

**Abbrev:** *(29 of 30 chars) Bilin & Bilit Dual Lang Clsrn*

**Discussion with others:** The course is supported by both the College of Education and Human Performance AND the Department of Modern Languages. No other duplication or conflict exists.

**Majors taking course:** We anticipate that graduate in-service educators will be recommended to this certificate.

**TSL 6XXX   ED-TL&L   3(3,0)**

**Interdependencies of Language, Culture, and Education for Dual Language Learners**: PR: Graduate Standing or C.I. This course focuses on the interdependencies of language, culture, and education as they relate to dual language learners. *Summer.*

**Abbrev:** *(16 of 30 chars) Interdep of Lang*

**Discussion with others:** This course is supported by both the College of Education and the Department of Modern Languages. No other duplication or conflict exists.

This course is supported by the US Department of Education Office of English Language Acquisition for three years. There is a demonstrated need in Florida for this certificate, as no other Florida university currently offers this certificate. Dual Language school programs are growing exponentially in the United States. This certificate is fully grant funded for three years by the US Department of Education Office of English Language Acquisition (DOE OELA). Our current research indicates that there will be a growing number of public and private school teachers and administrators who will pursue this certificate at UCF in addition to the grant recipients.

With the increase in K-12 Dual Language programs across the United States, educators must be well versed in the interdependencies of language, culture, and education as they relate to the success of dual language programs and its students. Educators must develop the knowledge on how to instill cross-cultural interactions between the classroom and the community. The educators in Dual Language programs need to be able to identify the challenges and barriers that impact bilingual education and acquire the tools and skills needed to ensure that a cross-cultural community is built within the classroom and school environment. This course examines the theoretical and practical implications of societal, community, home and school and their influence in the academic achievement of all dual language learners.

**Majors taking course:** We anticipate that graduate in-service educators will be recommended to this certificate.
**College of Engineering and Computer Science Course Additions-Approved**

*All courses in College approved unless otherwise noted.*

**CEG 6XXX**  
**CECS-CECE**  
3(3,0)

**Retaining Structures and Slope Stability:** PR: CEG 4011C and CEG 4012 or C.I. Earth pressures, retaining structures, design of retaining walls, sheet piles, mechanically stabilized earth, soil nails, anchored and braced excavations. Slope stability, shear strength, limit equilibrium. *Even Fall.*

**Abbrev:** (29 of 30 chars) Retaining Struct. Slope Stab.

**Discussion with others:** Duplications with any other class within the department or college is not foreseen.

**Rationale:** This course describes the application of the principles of soil mechanics to the analysis of braced excavations in urban environments. Currently the graduate program in the geotechnical emphasis does not have a class in retaining structures, which is a core subject in geotechnical research and practice. Most geotechnical engineering programs in the US have this class, and UCF is behind in that matter. This topic is also the main core of research of the proposer (Luis G. Arboleda) and would be complemented with vast research and practical experience on retaining structures, supported excavations and topics related to the sustainability of urban environments. The class presents the selection of engineering parameters for analysis and design of retaining structures and slope stability. The performance of various structural systems to support deep excavations is assessed. A comprehensive overview of earth pressures and in situ field monitoring of deep excavations is also presented.

**ESI 6XXX**  
**CECS-IEMS**  
3(3,0)

**Systems Thinking in Engineering:** PR: ESI 6551 or C.I. This class shows how it is possible to use system thinking in order to properly define, conceive, develop, and articulate complex systems and explore 2nd and 3rd order effects of their behaviour. *Spring.*

**Abbrev:** (16 of 30 chars) Systems Thinking in Eng

**Rationale:** The course is will be a required course in the online Master of Science in Systems Engineering program.

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**College of Medicine Course Additions-Approved**

**MDI 8XXX**  
**COM-MED**  
6(6,0)

**Acting Internship in Oculo-Facial Plastic and Reconstructive Surgery:** PR: Completion of M3 year. This 4-week AI rotation will provide greater exposure to diagnosis, management and surgical correction of ophthalmic and reconstructive disorders. *Spring, Summer, Fall.*

**Abbrev:** (30 of 30 chars) AI in Oculo-Facial Plastic Surg

**Majors taking course:** None

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**2. Special Topics Additions**
**College of Arts and Humanities Special Topics Additions-Approved**

ENC 6938  CAH-ENG  3(3,0)

**International Technical Communication:** PR: Graduate Standing in English MA, Technical Communication track or C.I. Development of documentation for international audiences. Occasional.

**Abbrev:** (9 of 30 chars) ST: Intnl TC

**Discussion with others:** Since an undergraduate course in this field has already been added to the catalog, we do not see any further conflict with other departments.

**Rationale:** Dr. Flammia wishes to expand an undergraduate course in a similar topic into a graduate restricted elective.

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**College of Engineering and Computer Science Course Revisions-Approved**

*All courses in College approved unless otherwise noted.*

### Semiconductor Material and Device

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>EEE 5352C</td>
<td>Semiconductor Material and Device</td>
<td>3(2,3)</td>
</tr>
<tr>
<td>EEE 5352</td>
<td>Characterization</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

PR: EEE 3350 or C.I.

Semiconductor material characterization resistivity, mobility, doping carrier lifetime, device properties, threshold voltage, interface charge of MOS devices, optical and surface characterization of films.

**Rationale:** The contact hours are being changed as the course currently has only lectures and no labs or discussion sessions.

There is 1 program that lists EEE 5352C: Physics (B.S.)

### Antenna Analysis and Design

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>EEL 5462C</td>
<td>Antenna Analysis and Design</td>
<td>3(3,4)</td>
</tr>
<tr>
<td>EEL 5462</td>
<td></td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

PR: EEL 3470 or equivalent.

Fundamentals of antennas; dipoles, loops, arrays, apertures, and horns. Analysis and design of various antennas.

**Term Offered:** Even Fall Spring

**Rationale:** The contact hours are being changed as the course currently has only lectures and no labs or discussion sessions.

There is 1 program that lists EEL 5462C: Electrical Engineering - RF and Microwaves Track (B.S.E.E.)

### Field-Programmable Gate Array (FPGA)

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<thead>
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</thead>
<tbody>
<tr>
<td>EEL 5722C</td>
<td>Design</td>
<td>3(3,3)</td>
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<td>3(2,3)</td>
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</tbody>
</table>

PR: EEE 3342C with a "C" (2.0) or better grade.
FPGA architectures, design flow, technology mapping, placement, routing, reconfigurable computing applications, and evolvable hardware.
Term Offered: Odd Fall
Rationale: The contact hours are being changed to correctly reflect time distributed between lectures and labs.
There is 1 program that lists EEL 5722C: Cyber Operations - Certificate

**College of Nursing Course Revisions-Approved**

NGR 6230L Diagnostics and Skills for the Critically Ill 4(0,4) 2(0,2)
CR: NGR 6210.
Introduce graduate nursing students to the skills and procedures used in the management of critically ill patients.
There are no programs that list NGR 6230L.

**College of Sciences Course Revisions-Approved**

All courses in College approved unless otherwise noted.

ANG 6520C Advanced Human Osteology 3(2,2)
Material and Supply Fee Revision only: Fee to remain the same at $20
PR: Admission to Anthropology MA, Maya Studies GC, or C.I.
Advanced seminar on methods and theory pertaining to the study of the human skeleton.
There are no programs that list ANG 6520C.

ANG 6740C Advanced Forensic Anthropology 3(2,2)
PR: Admission to Anthropology MA, Maya Studies GC, or C.I.
Advanced theory and laboratory methods in forensic anthropology, including forensic skeletal analysis and interpretation.
There are no programs that list ANG 6740C.

PHY 5817L Building Physics Apparatus 1(0,3)
Material and Supply Fee Revision only: Fee to remain the same at $45
PR: Graduate standing or senior standing and C.I.
Hands-on shop course. Focus will be machine shop practice with possible extension to printed circuit boards and glass work.
Term Offered: Occasional
There are no programs that list PHY 5817L.

4. Course Deletions
College of Health and Public Affairs Course Deletions-Approved

All courses in College approved unless otherwise noted.

CCJ 6719  HPA-CJ  3(3,0)
Translational Criminal Justice  PR: Admission to Criminal Justice master's program, CCJ 6704 or C.I. This course will serve as an advanced course for students wishing to gain an in-depth understanding of how research in the areas of policing, courts and corrections can be translated into practice.
Discussion with others: Course is not listed with any other department
Rationale: The course is being removed from the core requirements of the Criminal Justice MS. It will not be offered as an elective.
There are no programs that list CCJ 6719.

SPA 5554  HPA-COM SC&DIS  3(3,0)
Counseling in Communicative Disorders  PR: Senior Status or C.I. Interviewing and counseling for individuals with communication disorders and their families.
Rationale: This course is no longer needed in the curriculum.
There are no programs that list SPA 5554.

SPA 6451  HPA-COM SC&DIS  3(3,0)
Rationale: This course is no longer needed in the curriculum.
There are no programs that list SPA 6451.

SPA 6553  HPA-COM SC&DIS  3(3,0)
Differential Diagnosis In Speech and Language  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. Discussion with others: Course was open to Com Sci majors only.
Rationale: This course is no longer needed in the curriculum.
There are no programs that list SPA 6553.

SPA 6820  HPA-COM SC&DIS  3(3,0)
Leadership Project in School Speech-Language Pathology  PR: Admission to M.A. in Communication Sciences and Disorders or C.I. Development and completion of a clinical or research project pertaining to school-based practice.
Rationale: This course is no longer needed in the curriculum.
There are no programs that list SPA 6820.
SPA 7491 HPA-COM SC&DIS 3(3,0)
Discussion with others: Course only open to Com Sci students.
Rationale: This course is no longer needed in the curriculum.
There are no programs that list SPA 7491.

PAD 5427 HPA-PUB 3(3,0)
Labor Relations in the Public Sector Current trends and developments in employment relations in the public sector, especially employee organization, negotiations, and the collective bargaining process.
Discussion with others: N/A
Rationale: Human Resource Specialty topic, Public Administration covers basic HR concepts in PAD 6417
There are no programs that list PAD 5427.

Rosen College of Hospitality Management Course Deletions-Approved

All courses in College approved unless otherwise noted.

HMG 6636 RCHM-HSP SERV 3(3,0)
Hospitality/Tourism Risk Management PR: Graduate standing. Examination of policy and behavioral issues of risk management and hospitality. Focuses on risk management principles most relevant within hospitality and tourism.
There are no programs that list HMG 6636.

HMG 6707 RCHM-TEA 3(3,0)
Travel and Tourism Economics PR: Graduate student status and undergraduate course in micro economics. Examines and evaluates the impact of travel and tourism on the local, regional, national and international economies.
There are no programs that list HMG 6707.

5. Course Continuations

College of Health and Public Affairs Course Continuations-Approved

All courses in College approved unless otherwise noted.

HSC 6597 HPA-HP 3(3,0)
Human and Applied Metabolism PR: Admission to Health Sciences M.S. Clinical and 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.
Rationale: In anticipation of the restructuring of COHPA, this course will be offered in both a new master's health program and in the Global Health Certificate. There are no programs that list HSC 6597.

HSC 6616  HPA-HP  3(3,0)
**Clinical Exercise Physiology** PR: Admission to Health Sciences M.S. Clinical and 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.

Rationale: In anticipation of the restructuring of COHPA, this course will be offered in both a new master's health program and in the Global Health Certificate. There are no programs that list HSC 6616.

HUN 5247  HPA-HP  3(3,0)
**Principles of Human Nutrition** PR: Admission to Health Sciences M.S. Clinical and Lifestyle Sciences track or C.I. Course promotes in-depth understanding of the role of macronutrients in human nutrition and health enabling graduates to integrate knowledge into other aspects of their work.

Rationale: In anticipation of the restructuring of COHPA, this course will be offered in both a new master's health program and in the Global Health Certificate. There are no programs that list HUN 5247.

PHC 6003  HPA-HP  3(3,0)
**Epidemiology of Chronic Diseases** PR: Admission to Health Sciences M.S. Clinical and 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.

Rationale: In anticipation of the restructuring of COHPA, this course will be offered in both a new master's health program and in the Global Health Certificate. There are no programs that list PHC 6003.

PHC 6706  HPA-HP  3(3,0)
**Introduction to Clinical Research** PR: Admission to Health Sciences M.S. Clinical and 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.

Rationale: In anticipation of the restructuring of COHPA, this course will be offered in both a new master's health program and in the Global Health Certificate. There are no programs that list PHC 6706.

PAD 5041  HPA-PUB  3(3,0)
**Ethics and Values in Public Administration** Examination of ethics in the public sector. Public concerns, past patterns, and individual/social aspects of ethical behavior are explored.

Rationale: Ethics and Ethical values are topics of current focus and therefore important to offer as an elective choice for Public Administration students. There are no programs that list PAD 5041.
PAD 5425  HPA-PUB  3(3,0)
Dispute Resolution in the Public Sector  An examination of the skills needed to resolve disputes in the public sector through facilitation, mediation, and other alternative methods.  Rationale: Conflicts are common in any private or public institution and therefore necessary for the future workforce to have some knowledge of how to best mitigate differences and manage conflicts and get positive outcomes.  There are no programs that list PAD 5425.

PAD 6167  HPA-PUB  3(3,0)
Graduate Nonprofit Leadership Seminar  PR: Admission to Master of Nonprofit Management or Nonprofit certificate program and C.I. Discussion and activity-based course exploring nonprofit competencies to prepare students for management and leadership positions in human services.  Rationale: It serves as a capstone experience for students pursuing the Nonprofit Leadership Alliance option and as one of several requirements students must complete in order to be eligible to apply for the national Nonprofit Leadership Alliance Certificate in Nonprofit Leadership  There are no programs that list PAD 6167.

PAD 7317  HPA-PUB  3(3,0)
Program Design and Management  PR: Admission to Public Affairs Ph.D. program or C.I. Analysis of community-based advanced organizational design and development theories and management techniques utilized in designing and developing public and nonprofit programs.  Rationale: Provides students knowledge in much required advanced organizational design and development theories and management techniques utilized in designing, developing, and evaluating public and nonprofit programs.  There are no programs that list PAD 7317.

College of Sciences Course Continuations-Approved
MAE 5935  COS-MATH  3(3,0)
Post-Secondary Mathematics  PR: Graduate standing or senior standing or C.I. The course will focus on issues which are faced by teachers of collegiate mathematics. Topics will be selected from teaching issues, program issues, and other issues.  Rationale: Course is mainly offered for Mathematics Certificate students. The certificate program has increasing demand in the last few years. Department plans to offer the course in summer 18.  There are no programs that list MAE 5935.

College of Nursing Course Continuations-Approved
NGR 6186  CON-NURS  3(3,0)
Genetics and Genomics in Advanced Nursing Practice  PR: Baccalaureate degree in Nursing, NGR 5141 or approval of graduate coordinator or C.I. Application of genetics and genomic principles to advanced clinical nursing practice.  Rationale: This is an elective that will be offered in the graduate programs.  There are no programs that list NGR 6186.