UCF Graduate Council

CURRICULUM COMMITTEE MINUTES

Minutes of November 18, 2013 meeting	
Members Present	Deborah Breiter, Lucretia Cooney, Tosha Dupras, Charles Kelliher, Patrick Murphy, Joyce Nutta, Max Poole, Terrie Sypolt, Julee Waldrop, Art Weeks, Boris Zeldovich
Recorder	Rhonda Nelson
Guests Present	Phil Peters, Sheau-Dong Lang, Arlen Chase, Roger Handberg
Files	2013-11-18 Meeting Course Minutes

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

Review of Equipment fees - CON. Dr. Julee Waldrop presented a summary of the request for a per semester fee of $90 full-time and $45 part-time for their Doctor of Nursing Practice program. This request received unanimous approval.

Review of Material & Supplies Fees - CECS. Dr. Shea-Dong Lang presented a summary of the fee request of $50 for two courses: CGS 5131 and CNT 6428. This request was approved unanimously by the committee.

Adding non thesis option to the MA Political Science program - COS. Dr. Roger Handberg presented a summary of the revisions to the program. The request was to add a non-thesis option to its existing "thesis only" program. The non-thesis option will require 6 hours of additional course work and a research paper. Current students will not be impacted as they can complete their degree under their current catalog year. This request received unanimous approval by the committee.

Course revisions to the MFA Creative Writing Program – CAH. Dr. Patrick Murphy presented the revisions to this program. The request was to move CRW 5130 from restricted electives to specialization and move CRW 6976 from specialization to restricted electives. Dr. Murphy will submit a title change for the CRW 6976 removing the word "capstone." This request received unanimous approval by the committee.

Move track in the MFA Film Entrepreneurial Digital Cinema track to MFA Emerging Media – CAH. Dr. Phil Peters presented a summary of this revision. The request is to move this track to the MFA Emerging Media program, thus eliminating the film program. The current students in the program can complete their degree in the Film program.

Course revisions to the MFA Emerging Media Digital Media track, Studio Art & the Computer track, and the newly moved Entrepreneurial Digital Cinema track - CAH. Dr. Peters also provided a summary of these changes. The request was to bring the film track in alignment. A question was raised on whether the courses within each track were 50% or more shared which would be needed for them to fall under the same program and thesis. Dr. Poole will review the curriculum with Dr. Peters to make sure everything is in alignment. Both requests received unanimous approval providing that the 50% policy rule was met.

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

Announcements and adjournment. The meeting was adjourned at 1:05 p.m.

Course Minutes
November 18, 2013

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

1. Course Additions

College of Business Administration Course Additions

SPB 6XXX   **BA-Unknown BA Department**   **3(3,0)**
Sport Analytics: PR: Completion of foundation core modules and admission to MSBM program. Analysis and application of statistics, operations research, and economic theory to current business challenges and opportunities within the sport business industry. *Summer.*
Abbrev: (15 of 30 chars) Sport Analytics
Discussion with others: N/A
Rationale: Many organizations in the sport business industry are now using data and analytics to drive more informed business decisions. Other top graduate sport business management programs such as USF have also recently added a sport analytics course to the curriculum.
Majors taking course: Master of Sport Business Management (MSBM)

College of Engineering and Computer Science Course Additions

EEL 6XXX

ECS-Department of Electrical Engineering and Computer Science   **3(3,0)**
Smart Power Grids Protection: PR: EEL 4216 or C.I. Different aspects of protection of smart grids. Provides a comprehensive understanding of protection of modern power systems including protection of renewable energies and protection of automated power systems. *Spring.*
Abbrev: (28 of 30 chars) Smart Power Grids Protection
Rationale: Protection of power systems is a critical task in modern power systems. Ever increasing integration of renewable energies and communication systems in power systems provides opportunities and challenges for introducing advanced protection schemes. At UCF, there are no courses that cover these topics. The proposed course will cover the required knowledge that students need to be well prepared for industry as well as use in their research projects.

EMA 5XXX
ECS-Department of Mechanical, Materials, and Aerospace Engineering   **3(3,0)**
Materials Science of Instrumentation for Clinical Applications: PR: General graduate standing in Engineering, Biomedical Science, Biotechnology, Chemistry or related disciplines or C.I. Study of engineering and materials concepts behind the clinical diagnostics currently used and under development, as well as technologies utilized in fabrication and characterization of these devices. *Odd Fall.*
Abbrev: (28 of 30 chars) Mat Sci Instru Clinical Apps

Rationale: In preparation for the new biomedical engineering emphasis in the engineering college and to have a general engineering course at the graduate level that will appeal to students in MSE and other programs for the materials issues in clinical diagnostics.

College of Health and Public Affairs Course Additions

PAF 7XXX HPA-Unknown HPA Department 3(3,0)
Social Inquiry and Public Policy: PR: Admission to Public Affairs PhD or C.I. Course examines the philosophical foundations of social inquiry and the importance of theory in public policy and evaluation research. *Fall.*
Abbrev: (30 of 30 chars) Social Inquiry & Public Policy
Discussion with others: N/A
Rationale: The Public Affairs PhD program is being revised to make it more consistent with COHPA's mission of being truly interdisciplinary and focused on real-world concerns within our communities. A competency-based approach was used to develop the curriculum to ensure that graduates would be able to effectively identify, understand, research and implement solutions to societal concerns.
Majors taking course: Public Affairs PhD

PAF 7XXX HPA-Unknown HPA Department 3(3,0)
Applications of Structural Equation Modeling in Public Affairs: PR: Admission to Public Affairs PhD or C.I. Course introduces advanced methods that include causal thinking, predictor tree analysis, propensity source matching and analysis, latent growth curve modeling and multilevel modeling. *Spring.*
Abbrev: (28 of 30 chars) Structural Equation Modeling
Discussion with others: N/A
Rationale: The Public Affairs PhD program is being revised to make it more consistent with COHPA's mission of being truly interdisciplinary and focused on real-world concerns within our communities. A competency-based approach was used to develop the curriculum to ensure that graduates would be able to effectively identify, understand, research and implement solutions to societal concerns.
Majors taking course: Public Affairs PhD program

2. Special Topics Additions

College of Arts and Humanities Special Topics Additions
College of Education and Human Performance Special Topics Additions

ED-School of Teaching, Learning, and
LAE 5937
Leadership 3(3,0)Disciplinary Literacy in the Content
Areas: PR: Graduate standing. Designed to assist teachers in understanding the adolescent reader and writer, this course will examine theory, strategies, resources, and implementation

options of disciplinary literacy specifically in the content areas (Mathematics, Science, Social Studies, and all other content areas). *Occasional.*

Abbrev: (27 of 30 chars) Disc Literacy Content Areas

College of Health and Public Affairs Special Topics Additions

PAF 7939   **HPA-Unknown HPA Department**   **3(3,0)**
ST: Social Inquiry and Public Policy: PR: Admission to Public Affairs PhD Program or C.I. Course examines the philosophical foundations of social inquiry and the importance of theory in public policy and evaluation research. The course addresses the use and usefulness of social sciences in informing public policy. *Occasional.*
Abbrev: (31 of 30 chars) ST: Social Inquiry & Pub Policy
<u>Discussion with others</u>: N/A

3. Course Revisions

College of Arts and Humanities Course Revisions

FIL 6619   ~~Guerilla Marketing~~   **3(3,0)**
Guerilla Marketing and Models of Distribution

PR: Admission to ~~Film and Digital~~ <u>Emerging</u> Media <u>MFA,</u> graduate ~~program~~ <u>standing,</u> or C.I. Grass roots and non-traditional marketing strategies for film and media products. <u>Global media distribution business models in a variety of markets.</u>
Abbrev (22 of 30): ~~Guerilla Marketing~~ Guerilla Mktg & Models
Term Offered: ~~Occasional~~ <u>Fall</u>
<u>Discussion with others</u>: n/a

<u>Rationale</u>: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.
<u>Majors taking course</u>: Emerging Media MFA students
<u>There are no programs that list FIL 6619.</u>

ART 6930   **Graduate Seminar**   **1(1,0)**
PR: Admission to ~~MFA.~~ <u>Emerging Media MFA, graduate standing, or C.I.</u>
Lecture and interactive discussion centers upon art, <u>digital media, film,</u> aesthetics, culture, technology, and industry in relation to ~~computer art and design.~~ <u>emerging media.</u> May be used in the degree program a maximum of ~~3~~ <u>4</u> times.
<u>Discussion with others</u>: n/a

Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.

Majors taking course: Emerging Media MFA students

There are no programs that list ART 6930.

DIG 6136 ~~Design for Media~~ 3(3,0)
Design for New Media

PR: ~~Film and digital media majors,~~ Admission to Emerging Media MFA or Digital Media MA, DIG 5487, or C.I.

Theories and practices of interactive design for digital media content.

Abbrev (20 of 30): ~~Design for Media~~ Design for New Media

Term Offered: ~~Spring~~ Spring,Occasional

Discussion with others: n/a

Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.

Majors taking course: Emerging Media MFA and Digital Media MA

There are no programs that list DIG 6136.

FIL 6146 ~~Film Screenplay Refinement~~ 3(3,0)
Screenplay Refinement

PR: Admission to ~~MFA Film & Digital Media/Entre Dig Cin track and~~ Emerging Media MFA, FIL 5419 or C.I.

Refining a feature film script into an effective, compelling, easy to read, and "marketable" shooting script that forms the foundation for thesis film production. May be used in the degree program a maximum of ~~3~~ 2 times.

Abbrev (21 of 30): ~~Film Screenplay Refinement~~ Screenplay Refinement

Term Offered: ~~Even~~ Spring

Discussion with others: n/a

Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the

4

alignment.

Majors taking course: Emerging Media MFA students
There are no programs that list FIL 6146.

FIL 6644   ~~Film Production Management I~~   3(3,0)
                                           Microbudget Pre-Production
PR: Admission to Emerging Media MFA, FIL ~~5853, FIL 5414, and FIL 6146.~~ 6146, or C.I.
Examination of pre-production issues facing filmmakers working with low budgets, with focus on creative concept, design, style, and location selection.
Abbrev (20 of 30): ~~Film Production Management I~~ Micro Pre-Production
Discussion with others: n/a
Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.
Majors taking course: Emerging Media MFA students
There are no programs that list FIL 6644.

FIL 6649   ~~Film Production Management II~~   3(3,0)
                                           Microbudget Post-Production
PR: Admission to Emerging Media MFA, FIL ~~6644.~~ 6644, or C.I.
Continued examination of production challenges that are unique to filmmakers working with extremely limited budgets, including casting, schedules, and set management.
Abbrev (21 of 30): ~~Film Production Management II~~ Micro Post-Production
Discussion with others: n/a
Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.
Majors taking course: Emerging Media MFA students
There are no programs that list FIL 6649.

FIL 6673   ~~Entrepreneurship and the Film Business~~   3(3,0)
                                           Arts and Media Entrepreneurship
PR: ~~GEB 6115~~ Admission to Emerging Media MFA, graduate standing, or C.I.
Application of core business concepts to create a company and develop a sales proposal suited to a variety of potential ~~investors for a microbudget digital film.~~ arts and emerging investors.
Abbrev (14 of 30): ~~Entrepreneurial Film Business~~ Arts and Media
Term Offered: ~~Even~~ Fall,Odd Spring

Discussion with others: n/a

Rationale: Given the recent merger of the Film Department in the School of Visual Arts and Design (SVAD), and in order to align curriculum across our graduate programs, we will be bringing the Entrepreneurial Digital Cinema track (currently under the Film MFA program) into the Emerging Media MFA program. The two current tracks of the MFA program (Studio Art & the Computer and Digital Media) will also be revised in order to establish across the three tracks the same number of required credit hours to complete the degree as well as a common core of courses to be taken by students in all three tracks. Course revisions need to be made for the alignment.

Majors taking course: Emerging Media MFA students

There are no programs that list FIL 6673.

College of Education and Human Performance Course Revisions

EDG 7987	**Dissertation in Practice**	**3(3,0)**
		6(6,0)

PR: Admission to the Education Ed.D./completion of Ed.D. coursework.

Guides the student through the completion of the capstone project experience. May be used in the degree program a maximum of ~~5~~ 7 times.

Graded SU: ~~No~~ Yes

Discussion with others: N/A

Rationale: Doctoral students in the EdD in Education must take a minimum of 12 credit hours of EDG 7987, 6 credit hours per semester, in the spring and summer of their 3rd year.

Majors taking course: EdD in Education.

There are no programs that list EDG 7987.

College of Engineering and Computer Science Course Revisions

~~TTE 5256~~	**Traffic Operations**	3(3,0)
TTE 6256		

PR: TTE ~~3810~~ 4274 or C.I.

Fundamentals of traffic flow theory and applications ~~that describe~~ to traffic operations on highways and streets. Work on real life traffic operations project and report ~~results in class.~~ results.

Rationale: Course revision. This course used to be taught at 6000 level for 10 years. And at 5000 level for another 10 years. In all of these 20 years while being taught at UCF, none of the undergraduate students ever took it. Class enrollment is always entirely graduate students. It is a reduced seating class (R) and it includes significant amount of traffic flow theory and advanced topics with applications to traffic operations. It is more appropriate for graduate level students (both MS and PhD). Therefore, due to the theoretical content and advanced topics covered in this course, it should be listed at the 6000 level.

There are no programs that list TTE 5256.

4. Course Deletions

College of Engineering and Computer Science Course Deletions

ENV 5335

ECS-Department of Civil, Environmental, and Construction Engineering 3(3,0)
Hazardous Waste Management PR: ENV 3001 or C.I. Engineering planning and analysis associated with the handling, storage, treatment, transportation, and disposal of hazardous wastes.
There are no programs that list ENV 5335.

EIN 5388
ECS-Department of Industrial Engineering and Management Systems 3(3,0)
Forecasting PR: ESI 5219. Industrial applications of forecasting methods with emphasis on microcomputer-based packages.
There are no programs that list EIN 5388.

ESI 6529
ECS-Department of Industrial Engineering and Management Systems 3(3,0)
Advanced Systems Simulation PR: ESI 5531. Combined networks discrete and continuous simulation, applications, statistical analysis and comparison of simulation languages.
There are no programs that list ESI 6529.

ESI 6921
ECS-Department of Industrial Engineering and Management Systems 3(3,0) **Seminar in Advanced Operations Research** PR: ESI 6418 or C.I. Topical seminar. Potential topic areas include tabu search, genetic algorithms, simulated annealing, neural networks. Analytic Hierarchy Process, and methods for large-scale optimization.
There are no programs that list ESI 6921.

College of Sciences Course Deletions

PHY 6964 **COS-Department of Physics** 3(3,0)
Graduate Candidacy Workshop PR: PHY 5606, PHY 6624, PHZ 5156, AND PHY 5524. Preparation for the Ph.D. candidacy exam. Graded S/U.
Discussion with others: No conflicts.
There are no programs that list PHY 6964.

INR 6071 **COS-Department of Political Science** 3(3,0)
Seminar in Weapons of Mass Destruction PR: Admission to graduate degree-seeking program or C.I. Examination of the Impact and Proliferation of Weapons of Mass Destruction, and efforts to control and regulation.

Discussion with others: Notified Public Admin about deletion.
There are no programs that list INR 6071.

PUP 6207   **COS-Department of Political Science**   **3(3,0)**
Politics of Sustainability Probes the multiple political meanings of sustainability and illuminates the political consequences surrounding its use in various local and global contexts.
There are no programs that list PUP 6207.

STA 6133   **COS-Department of Statistics**   **3(3,0)**
Life Contingencies and Insurance Models I CR: STA 6326 or C.I. Economics of insurance and utility theory, life tables, life insurance premiums and reserves evaluation.
Discussion with others: None.
There are no programs that list STA 6133.

STA 6135   **COS-Department of Statistics**   **3(3,0)**
Life Contingencies and Insurance Models II PR: STA 6133. Multiple life and multiple decrement risk analysis and insurance models with options and expenses.
Discussion with others: n/a
There are no programs that list STA 6135.

STA 6185   **COS-Department of Statistics**   **3(3,0)**
Advanced Theory of Interest PR: MAC 2312 and STA 2023, and graduate standing, or C.I. Measurement of Interest, valuation of annuities, determination of yield rates on investments, fixed income securities, mortgages, etc.
Discussion with others: n/a
There are no programs that list STA 6185.

STA 5948   **COS-Department of Statistics**   **3(3,0)**
Actuarial Science Practicum PR: STA 4183 or STA 6185. Study and projects on problems in actual practice; discussions and presentations by practitioners from life insurance, casualty, etc.
Discussion with others: n/a
There are no programs that list STA 5948.

STA 6679   **COS-Department of Statistics**   **3(3,0)**
Actuarial Research Methods PR: STA 6133 and STA 6185. Research study in actuarial subjects of current interest in life, property/casualty and/or pension.
Discussion with others: n/a
There are no programs that list STA 6679.