

Minutes
Graduate Council Curriculum Committee
November 18, 2020
2:30 p.m., Zoom

Members Present: Terrie Sypolt, Art Weeks, Wei Wei, Axel Schülzgen, Francisco Guido-Sanz, J. Marla Toyne, Gergana Vitanova, Olga Molina, Elsie Olan, Alex Rubenstein, Jihe (Jackie) Zhao

Administrators and Guests Present: Devon Jensen, Sevil Sonmez, Ali Gordon, Laurie von Kalm, Glenn Lambie, David Hagan, Clay Posey, Saiful Khondaker, David Fukuda, Jeff Stout, Luis Favela, Terry Thaxton, Audra Skukauskaite, Jongik Chung, Mitchell Hill, Jonathan Caranto, Robert Fitak, Elizabeth Kritzer, Ranetta Guinn, Tonya Walker, Kalpathy Sundaram, Jessica Sublette, Peter Weishar, Kim Tuorto, Yulia Gerasimova

Recorder: Emily Stettner

Welcome and call to order. Dr. Elsie Olan, chair, called the meeting to order at 2:32p.m. and welcomed the committee, administrators, and guests. A quorum was established.

Addition of CHPS Kinesiology PhD.

Dr. David Fukuda explained the addition is a continuation of the Education Ph.D. - Exercise Physiology track with an expanded focus on human movement, applied physiology and exercise science. The program combines state-of-the-art research facilities using cutting-edge technology with high quality and innovate instruction and curriculum. The program welcomes students from a variety of educational backgrounds including the biological and health-related professions, exercise science, physical education, or athletic training. The program addition received unanimous approval.

Revision of CREOL Optics and Photonics MS; Optics and Photonics MS, Optics Track; and Optics and Photonics MS, Photonics Track.

Dr. David Hagan explained the program revisions are to remove the lab component as required and make the lab an elective option for interested students. The program revisions received unanimous approval.

Revision of CREOL Optics and Photonics PhD.

Dr. David Hagan explained the program revision is to reduce the lab component from 6 hours to 3 hours. The program revision received unanimous approval.

Revision of CAH English MA, Technical Communication Track.

Dr. Terry Thaxton explained the program revision is to remove the GRE requirement from the admissions application. This will help their program attract more low-income and first-generation college students by removing the cost of the GRE. The program will focus on the applicant's writing sample, grades, letters of recommendation, and other factors to determine their viability for admission. The program revision received unanimous approval.

Addition of CECS Electrical Engineering MSEE, Guidance Control and Dynamics Track.

Dr. Kalpathy Sandaram explained the new program focuses on missile control and dynamics. The program will target employees of Lockheed Martin and other space related industries around Central Florida who want to pursue graduate studies. The track addition received unanimous approval.

Addition of CECS Guidance Control and Dynamics Graduate Certificate.

Dr. Ali Gordon explained the certificate allows students exposure to missile control and dynamics before committing to a full Master's degree program. The courses taken for the certificate will transfer to the related guidance control and dynamics degree programs. The certificate addition received unanimous approval.

Addition of CECS Sustainable and Resilient Energy Systems Graduate Certificate.

Dr. Kalpathy Sandaram explained the certificate has an interdisciplinary curriculum focused on technologies and policies for future smart energy systems that are sustainable, resilient, efficient, and market oriented. The certificate addition received unanimous approval.

Adjournment. The meeting adjourned at 3:43p.m. This is the last scheduled meeting of the Fall 2020 semester.

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1. College of Business Administration

College of Business Administration course additions

1. ISM 6328 Cyber Risk Assessment- *Approved.*
2. ISM 6329 Cyber Management and Leadership- *Approved.*

2. College of Graduate Studies

College of Graduate Studies (Nanotechnology) course revisions

**Note: Course revisions were reviewed by Committee last year-tabled for course title overlap discussion. Approvals from College of Optics and Photonics and the Electrical Engineering department now received.*

1. IDS 6258 Electrochemical Energy Conversion and Storage- *Approved.*
 - Title revision from “Advanced Materials and Nanotechnology for Rechargeable Batteries” to “Electrochemical Energy Conversion and Storage”
2. IDS 6260 Electrical and Optical Properties of Nanoscale Materials and Devices- *Approved.*
 - Title revision from “Properties of Materials at Nanoscale” to “Electrical and Optical Properties of Nanoscale Materials and Devices”

3. College of Health Professions and Sciences

College of Health Professions and Sciences course addition

1. APK 7981 Dissertation Proposal Preparation- *Approved.*

College of Health Professions and Sciences program addition

1. Kinesiology PhD- *Approved.*

4. College of Optics and Photonics

College of Optics and Photonics program revisions

The description of the revisions below are incorrect. The revisions to the MS programs was to remove the lab component. The PhD revision was to reduce the lab hours from 6 to 3 hours.

1. Optics and Photonics MS- *Approved.*
 - Revisions to allow student to complete the program fully online
2. Optics and Photonics MS, Optics Track- *Approved.*
 - Revisions to allow student to complete the program fully online
3. Optics and Photonics MS, Photonics Track- *Approved.*
 - Revisions to allow student to complete the program fully online
4. Optics and Photonics PhD- *Approved.*
 - Revisions to allow student to complete the program fully online

5. College of Arts and Humanities

College of Arts and Humanities course additions

1. THE 6938C ST: Themed Experience Show Writing (special topic) - *Approved.*
2. PHI 5697 Neuroethics (split level) - *Approved.*

College of Arts and Humanities program revision

1. English MA, Technical Communication Track - *Approved.*
 - Remove GRE application requirement

6. College of Community Innovation and Education

College of Community Innovation and Education course addition

1. EDF 7939 ST: Discourse Analysis (special topic) - *Approved. Discussion if this course will overlap with courses already offered by the TESOL program. After discussion, it was decided that the course as designed does not overlap.*

7. College of Engineering and Computer Science

College of Engineering and Computer Science track and certificate additions

1. Electrical Engineering MSEE, Guidance Control and Dynamics Track- *Approved.*
2. Guidance Control and Dynamics Graduate Certificate- *Approved.*
3. Sustainable and Resilient Energy Systems Graduate Certificate- *Approved.*

8. College of Sciences

College of Sciences course additions

1. STA 6222 Conventional Survey Methods- *Approved.*
2. STA 6223 Bayesian Survey Methods- *Approved.*
3. CHM 5937 ST: Bioinorganic Chemistry (special topic) - *Approved.*
4. PCB 5937 ST: Advanced Inferences in Conservation Biology (special topic) - *Approved.*
5. FIL 5856 Independent Cinema (split level) - *Approved.*

College of Sciences course revisions

1. CHM 5305 Bioconjugate Chemistry- *Approved.*
 - Update course description
 - Title revision from “Applied Biological Chemistry” to “Bioconjugate Chemistry”
2. CLP 6181 Psychological Theories of Substance Abuse Treatment- *Approved.*
 - Pre-req revision
 - Term of Offering revision
 - Course description change

College of Sciences course continuations

1. ANG 5191 Mortuary Archaeology- *Approved.*
2. CPO 6729 Global Security in the Age of Migration- *Approved.*
3. CPO 6776 Comparative Rising Powers- *Approved.*
4. INR 6726 Political Behavior in International Conflict- *Approved.*
5. PUP 6607 Politics of Health- *Approved.*
6. ZOO 5475L Field Ornithology- *Approved.*

College of Sciences course deletions

1. ANG 5272 Culture, Inequality and Global Development- *Approved.*
 - Anthropology MA (Elective Courses)
 - Integrative Anthropological Sciences PhD (Unrestricted Electives)
2. CHM 6278 The Organic Chemistry of Drug Design- *Approved.*
 - Chemistry PhD (Biochemistry Concentration)
3. INP 5825 Human-compute Interface (HCI) design: A team approach- *Approved.*
 - Cognitive Sciences Graduate Certificate (Restricted Electives)
 - Human Factors and Cognitive Psychology PhD (Elective Courses)
4. MAP 5514 Linear and Nonlinear Waves I- *Approved.*
 - Course not in any program
5. MAP 6383 Mathematical Methods for Image Analysis- *Approved.*
 - Course not in any program

6. PPE 5055 Personality Theories- *Approved.*
 - Human Factors and Cognitive Psychology PhD (Elective Courses)
7. PSY 5605 History and Systems of Psychology- *Approved.*
 - Human Factors and Cognitive Psychology PhD (Elective Courses)