

# UCF Graduate Council

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## CURRICULUM COMMITTEE MINUTES

### Minutes of October 26, 2016 meeting

Members Present	Diane Andrews, Steven Ebert, Elsie Olan, Kerry Purmensky, Jennifer Sandoval, Asli Tasci, Joshua Troche, Art Weeks, John Weishampel
Recorder	Debra Winter
Guests Present	Aubrey Jayanama, Danae Barulich, Karen Baxley, Debra McGann, Angela Ritten, John Walker, Sarah Stacy Barber, Harry Weger, Jana Jasinski, James Szalma, Dick Pepler
Staff Members	Michelle Pozdoff
Files	<a href="#">2016-10-26 Meeting Course Minutes</a> 

**Welcome and call to order.** Dr. Kerry Purmensky, chair, called the meeting to order at 2:30 p.m. and welcomed the committee and guests. A quorum was established. The minutes from the September 21, 2016 meeting were reviewed and approved.

**Reactivation of CEHP Master of Teacher Education (MAT) – Art Education track, effective Spring 2017.** Dr. Mike Hynes noted that the track was suspended due to faculty leaving UCF and the department now has new faculty to support this track. This request received unanimous approval. Program only admits in spring and summer, and there are no curricular changes. The equipment fee was previously approved and applies to all tracks in the MAT.

**Revisions to the CON Doctor of Nursing Practice.** Dr. Angela Ritten provided history relevant to the curriculum changes for the DNP and shared that removing the MSN along the way is a national trend. The program has experienced issues with students leaving the DNP after earning the MSN, and the total credit hours required was out of balance with other universities. This request received unanimous approval.

- Adult-Gerontology Acute Care Nurse Practitioner track, effective Fall 2017
- Adult-Gerontology Primary Care Nurse Practitioner track, effective Fall 2017
- Advanced Practice track, effective Spring 2018. Track admits in spring and summer.
- Family Nurse Practitioner track, effective Fall 2017

**Addition of the COS Integrative Anthropological Sciences PhD, effective Fall 2018.** Dr. Stacy Barber gave an overview of this new PhD program, which has a methodological competence focus that distinguishes it from the other two PhD programs in the state. The department has existing and new faculty who focus in methods to support this new program. Dr. Barber also reviewed the associated new courses in the Course Agenda. This request received unanimous approval.

**Name change from COS Applied Experimental and Human Factors PhD to Human Factors and Cognitive Psychology PhD, effective Fall 2017.** Dr. James Szalma explained the changes in the field as well as in the composition of the program faculty that prompted this name change. There are no other curriculum changes at this time. This request received unanimous approval.

**Revisions to the COS Communication MA, effective Fall 2017.** Dr. Harry Weger reviewed the changes in the MA tracks, including replacement of the core statistics course with a communication course and additions to the restricted electives. He responded to questions regarding effects of these changes on recruiting and enrollment. This request received unanimous approval.

- Interpersonal Communication track
- Mass Communication track

**Revisions to the COS Corporate Communication Graduate Certificate, effective Fall 2017.** Dr. Weger reviewed the change in the certificate. This request received unanimous approval.

**Courses and special topics.** For a list of approved courses, see the attached course minutes.

**Adjournment.** The meeting adjourned at 3:30 p.m. The next meeting is on November 9.



## **College of Engineering and Computer Science Course Additions**

Tabled 10/26/2016, with 1 opposed. Needs discussion with Biomedical Sciences.

**EEL 5XXX**

**ECS-ECE**

**3(3,0)**

**Advanced Bioelectronics Systems:** PR: EEE 4309C or C.I. Advanced bioelectronics systems and techniques that enable recent biophysical and biomedical research will be discussed. *Spring.*

**Abbrev: (30 of 30 chars)** Advanced Bioelectronics System

Discussion with others: Discussed with Biomedical Engineering and with NSTC; no overlaps or conflicts found.

Rationale: In recent years, electronics systems and instrumentations became an essential tool for the advances in biotechnology and biosciences that deal with numerous issues associated with noise, gain-bandwidth and throughput, for instance, single-cell electrophysiology and single-molecule measurement. As the industrial and academical interests grow rapidly in biotechnology, students advancing their career in biotechnology need fundamental understanding of common challenges and techniques in advanced bioelectronics systems.

Especially with UCF starting a Biomedical Engineering program for MS (and Ph.D. in the future), this class will give a strong presence of Electrical and Computer Engineering to students who have interest in the field of Biomedical Engineering.

## **College of Graduate Studies Course Additions**

**IDS 6XXX**

**GRDST-INTERDIS**

**3(3,0)**

**Nanotechnology for Sustainable Agriculture:** PR: Admission to the PSM or MS in Nanotechnology or C.I. Prepares a new generation of STEM students who are equipped with necessary knowledge to adapt sustainable agricultural practices. *Fall.*

**Abbrev: (30 of 30 chars)** Nanotech for Sustainable Agric

Discussion with others: Course was discussed with the Chemistry Department and there was no overlap. This course is offered to students willing to pursue higher studies in agriculture (crop protection, horticulture, food science) or willing to work with agro-chemical industries. Traditional chemists or materials scientists are not adequately trained to join agricultural industries as they have limited exposure and knowledge in the field.

Rationale: No such course available at UCF to prepare students for agro-chemical job market.

Majors taking course: Recommended for students in PSM and MS programs in Nanotechnology

**IDS 6XXX**

**GRDST-INTERDIS**

**3(3,0)**

**Biointerfaces Enabled by Micro/NanoFabrication:** PR: Admission to the PSM or MS in Nanotechnology or C.I. Introduces students to the interfaces and devices in the biotechnology and biomedical arenas that are enabled by Micro/NanoFabrication. *Spring.*

**Abbrev: (30 of 30 chars)** BIOINTERF ENAB BY MICRONANOFAB

Discussion with others: Discussed with Mechanical and Aerospace Engineering Department, and they have no concerns.

Rationale: This course will be used primarily as an elective course. The course will introduce students to a variety of biointerfaces that are enabled by Micro/NanoFabrication. Students will learn the practical applications of Micro/NanoFabrication technologies and their applications in BioMEMS and bionanotechnology products and will gain an in-depth overview of biointerfaces



**ANG 6XXX****COS-ANTHRO****3(3,0)**

**Advanced Topics in Environmental Transformations:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs, or C.I. Anthropological, archaeological, ecological, and geographical approaches to understanding human interactions with landscapes and environments through time. *Odd Spring.*

**Abbrev: (29 of 30 chars)** Environmental Transformations

Discussion with others: We have had discussions with the following departments - Biology, Sociology, and History. No duplications or conflicts were identified. Emails attached. 9/14/2016 We did not receive a response from History. See attached original sent email.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and existing M.A. in Anthropology program.

Majors taking course: n/a

**ANG 6XXX****COS-ANTHRO****3(3,0)**

**Advanced Topics in Medical Anthropology:** PR: Admission to Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs, or C.I. Examination of advanced topics in the cultural construction of health and illness. *Even Spring.*

**Abbrev: (28 of 30 chars)** Adv Topics in Medical Anthro

Discussion with others: We have had discussions with the following departments - Political Science, Sociology, and Health Professions. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: n/a

**ANG 6XXX****COS-ANTHRO****3(3,0)**

**Advances in Archaeological Practice:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Topics concerning cultural resource management as a professional field within anthropology, and specifically, anthropological archaeology. *Occasional.*

**Abbrev: (27 of 30 chars)** Adv Archaeological Practice

Discussion with others: We reached out to the Department of History and a duplication was noted with one course. We significantly changed the scope of this course so there are no further overlaps. See attached email from History.

Rationale: This course will specifically provide students with a background to begin work in applied areas of archaeology and cultural resource management. This is significant because it allows students opportunities for employment outside of academia and prepares them for a competitive segment of the job market. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: n/a

**ANG 6XXX**

**COS-ANTHRO**

**3(3,0)**

**Advances in Bioarchaeology:** PR: ANG 6520C and Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Advanced bioarchaeological analysis of cultural and historical processes that affect human skeletal remains. *Odd Fall.*

**Abbrev: (26 of 30 chars)** Advances in Bioarchaeology

Discussion with others: We have sent an email to the Department of History but did not receive a response. See original sent email attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: none

**ANG 6XXX**

**COS-ANTHRO**

**3(3,0)**

**Business Practices for the Anthropological Sciences:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Examination of the culture and philosophy of business management, introducing business concepts and practices within anthropological sciences. *Occasional.*

**Abbrev: (30 of 30 chars)** Business Pract Anthro Sciences

Discussion with others: We have discussed this course with the Department of Management and a suggestion was made to change the title of the course. We have changed the title from Business Management for the Anthropological Sciences to Business Practices in the Anthropological Sciences. See attached email.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: n/a

**ANG 6XXX**

**COS-ANTHRO**

**3(3,0)**

**Contemporary Problems in the Study of Complex Societies:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Examination of the processes that fostered the rise of complex societies, including the dynamics behind cultural evolution, societal expansion, and collapse. *Occasional.*

**Abbrev: (29 of 30 chars)** Problems in Complex Societies

Discussion with others: We have had discussions with the following departments - Biology, History, and Sociology. No duplications or conflicts were identified. Emails attached.

9/14/2016 We did not receive a response from History (see original sent email attached).

Rationale: This course will provide students with the background to understand why complex human systems are formed and dissolve. This forms a basis for understanding many forms of human interaction, which is essential for implementing PhD level research. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: none



**ANG 6XXX****COS-ANTHRO****3(3,0)**

**Science, Technology, and the Transformation of Human Societies:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Scientific methods and technology as they affect social transformation within the integrative anthropological sciences. *Fall*.

**Abbrev: (30 of 30 chars)** Transformation Human Societies

Discussion with others: We have had discussions with the following departments - Biology, Sociology, History, and Writing and Rhetoric. No duplications or conflicts were identified. Emails attached. 9/14/2016 Note - We did not receive a response from the Department of History. Please see attached original sent email.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.

Majors taking course: Ph.D. in Integrative Anthropological Sciences

**ANG 6XXXC****COS-ANTHRO****3(3,0)**

**Applied Materials Analysis in Anthropological Sciences:** PR: Admission to the Ph.D. in Integrative Anthropological Sciences and M.A. in Anthropology programs or C.I. Techniques used for analysis of biological and man-made materials, the interpretation of results produced, and their impact on the reconstruction of human biology and history. *Even Fall*.

**Abbrev: (26 of 30 chars)** Applied Materials Analysis

Discussion with others: We have had discussions with the following departments - Biology, Chemistry, and Material Science and Engineering. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

Majors taking course: n/a

**ANG 7XXX****COS-ANTHRO****3(3,0)**

**Advanced Anthropological Topics in Geospatial Analysis:** PR: ANG 5852, ANG 5853, and Admission to the Ph.D. in Integrative Anthropological Sciences program or C.I. Advanced application of geographic information systems methodology for the documentation and analysis of anthropological, archaeological, and forensic problems. *Spring*.

**Abbrev: (29 of 30 chars)** Advanced Anthro Topics in GIS

Discussion with others: We have had discussions with the following departments - Biology, Electrical and Computer Engineering, Sociology, Political Science, and Public Administration. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. The course also highlights an enhancement of working with researchers in other disciplines and undertaking interdisciplinary research. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.

Majors taking course: Integrative Anthropological Sciences Ph.D.

**ANG 7XXX****COS-ANTHRO****3(3,0)**

**Advanced Qualitative Methods in Anthropology:** PR: ANG 6801 and Admission to the Ph.D. in Integrative Anthropological Sciences Ph.D. program or C.I. Advanced qualitative methods including data collection and analysis, writing ethnographies, and research presentation. *Spring*.

**Abbrev: (29 of 30 chars)** Qualitative Methods in Anthro

Discussion with others: We have had discussions with the following departments - Sociology, and Writing and Rhetoric. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.

Majors taking course: Ph.D. in Integrative Anthropological Sciences program.

**ANG 7XXX****COS-ANTHRO****3(3,0)**

**Advanced Quantitative Methods in Anthropology:** PR: ANG 5486 and Admission to the Ph.D. in Integrative Anthropological Sciences program or C.I. Advanced quantitative methods in anthropology, including multivariate systems, assessment of reliability, and approaches for small samples. *Spring*.

**Abbrev: (30 of 30 chars)** Quantitative Methods in Anthro

Discussion with others: We have had discussions with the following departments - Statistics, and Sociology. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.

Majors taking course: Integrative Anthropological Sciences Ph.D.

**ANG 7XXXC****COS-ANTHRO****3(3,0)**

**Applied Integrative Isotopic Sciences:** PR: Admission to the Ph.D. in Integrative Anthropological Science or C.I. Theoretical and methodological approaches to stable isotope analysis and its application in the interpretation of human migration, diet, disease, environment, and physiology. *Even Spring*.

**Abbrev: (25 of 30 chars)** Applied Isotopic Sciences

Discussion with others: We have had discussions with the following departments - Biology, Chemistry, and Material Sciences and Engineering. No duplications or conflicts were identified. Emails attached.

Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program.

Majors taking course: n/a



