

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

Members Present: Sarah Bush, Patricia Bockelman, Diane Andrews, Olga Molina, Wei Wei, Andre Gesquiere, Sonia Arellano, Jihe (Jackie) Zhao, Axel Schülzgen, Art Weeks, Alex Rubenstein

Administrators and Guests Present: Devon Jensen, Ali Gordon, Jim Moharam, Sevil Sonmez, Alan Fyall, Tonya Walker, Steve Ebert, Abdul-Akeem Sadiq, Ronald Driggers, Anand Krishamoorthy, Paul Gregg, Mohammad Assefzadeh, Qun Zhou, Junjian Qi, Ryan McMahan, Joseph LaViola, Changchun (Cliff) Zou, Mansooreh Mollaghasemi, Beatriz Reyes-Foster, John Schultz, Edward Gonzalez-Tennant, Nessette Falu, John Walker, Lana Williams, Steve Jex, Christopher Bennett, Michelle Gaither, Zhongzhou Chen, Candice Bridge, Victoria Pace, Liansheng (Larry) Tang, Deborah Breiter, David Fukuda, Scott Branting

Recorder: Emily Stettner

Welcome and call to order.

Dr. Patricia Bockelman, chair, called the meeting to order at 2:33p.m. The meeting was held by conference call. A quorum was established. The minutes from the March 4, 2020 meeting were reviewed and approved.

Revision of CCIE Public Administration Graduate Certificate.

Dr. Abdul-Akeem Sadiq explained the revision is to move course PAD 6700 from Electives to Required courses and to remove all other Elective course options. The certificate will now consist of six Required courses and zero Electives. The certificate revision received unanimous approval.

Revision of COM Biomedical Sciences MD/PhD.

Dr. Steve Ebert explained the revision is to reduce Required hours by two and move those hours to Unrestricted Electives. The program revision received unanimous approval.

Addition of CECS Mixed Reality Engineering Graduate Certificate.

Dr. Joseph LaViola explained the certificate addition will provide students with a comprehensive overview of virtual and augmented reality technologies culminating in the development of a mixed reality software application or system. The certificate addition received unanimous approval.

Addition of CECS Cyber Security and Privacy MS.

Dr. Cliff Zou explained the program addition will provide students with in-depth knowledge of the theoretical aspects and practical considerations and applications of cyber security issues in software, hardware, operating system, and various networked devices. The program will meet the needs of business and industry. The program addition received unanimous approval.

Suspension of three CECS Graduate Certificates: Applied Operations Research, Design for Usability Graduate Certificate, and Training Simulation.

Dr. Mansooreh Mollaghasemi explained the certificates are being suspended due to very low demand and enrollment over the past few years. Much of the content in the certificates have become obsolete. The certificate suspensions received unanimous approval.

Revision of COS Anthropology MA.

Dr. Beatriz Reyes-Foster explained the revision is to change admissions requirements to require applicants to submit a CV. The program revision received unanimous approval.

Revision of COS Industrial and Organizational Psychology MS.

Dr. Victoria Pace explained the revision is to add course INP 6100 to Required Courses and make three courses that were required now electives-with a choice of two courses. The program revision received unanimous approval.

Revision of COS Industrial and Organizational Psychology PhD.

Dr. Steve Jex explained the revision is to consolidate the introductory courses to provide more Electives. An overview course will also be added. The program revision received unanimous approval.

Revision of COS Statistics and Data Science MS, Data Science Track.

Dr. Larry Tang explained the revision is to change the name of the track from Statistical Computing MS, Statistics and Data Science track. The department recently changed their name. The track revision received unanimous approval.

Revision of COS Statistics and Data Science MS, Statistics Track.

Dr. Larry Tang represented the track revision. Emily Stettner asked for clarification on the intention of the revision if the proposal was just a name change of the Statistical Computing MS or if the proposal was for a new track. It was decided that the Committee would table the proposal until more information is received.

Update: 3/20/20 Department chair Dr. Shunpu Zhang confirmed the proposal is to revise the name of the Statistical Computing MS to Statistics and Data Science MS. All references to the Statistics Track have been removed from the proposal. The updated information was sent to Dr. Zhang and the Committee for approval. Dr. Zhang approved the updated proposal. The Committee approved the updated proposal. The track revision received unanimous approval.

Courses.

Please see the attached course minutes.

Adjournment. The meeting adjourned at 4:20p.m. This is the last meeting for the 2019-2020 academic year.

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1. College of Community Innovation and Education

College of Community Innovation and Education certificate revision

1. Public Administration Graduate Certificate- *Approved*
 - Revision to move PAD 6700 from Electives to Required courses, removed all other Elective courses, making all courses required.

2. College of Optics and Photonics

College of Optics and Photonics course addition

1. OSE 6242 Infrared Systems- *Approved*

3. College of Medicine

College of Medicine program revision

1. Biomedical Sciences MD/PhD - *Approved*
 - Reducing Required credit hours by 2 and moving these 2 credit hours to Unrestricted Electives.

4. College of Business Administration

College of Business Administration course additions

1. MAN 7887 Management Research Forum- *Approved*
2. MAR 6409 Lead Management- *Approved*
3. MAR 6418 Sales Force Management- *Approved*
4. MAR 6419 Sales Analytics- *Approved*
5. REE 6465 Financial Analysis of Real Estate Firms- *Approved*
6. MAN 6938 Management Research Forum (special topic) - *Approved*

5. College of Engineering and Computer Science

College of Engineering and Computer Science course addition

1. EEL 5445 Terahertz Integrated Systems- *Approved*

College of Engineering and Computer Science course deletions

1. EIN 6270C WORK PHYSIOLOGY- *Approved*
 - No impact
2. EIN 6279C BIOMECHANICS- *Approved*
 - Elective in 4 programs
3. EIN 6425 SCHEDULING AND SEQUENCING- *Approved*
 - Elective in 4 programs
4. EIN 6459 CONCURRENT ENGINEERING- *Approved*
 - Concurrent course
5. EIN 6645 REAL-TIME SIMULATION AGENTS- *Approved*
 - No impact
6. EIN 6649C INTELLIGENT TUTORING TRAINING SYSTEM DESIGN- *Approved*
 - No impact
7. ESI 5419 ENGINEERING APPLICATIONS OF LINEAR, NONLINEAR AND INTEGER PROGRAMMING- *Approved*
 - No impact

College of Engineering and Computer Science course revisions

1. EEL 6257 Data Analytics in Energy Systems- *Approved*
 - Change in course title from “Data Analytics in Power Systems” and adding C.I. to pre-reqs.
2. EEL 6718 Attacks and Defenses in Secure Cyber-Physical Systems- *Approved*
 - Adding “or equivalent or C.I. to pre-reqs

College of Engineering and Computer Science program additions

1. Mixed Reality Engineering Graduate Certificate- *Approved*
2. Cyber Security and Privacy MS- *Approved*

College of Engineering and Computer Science certificate suspensions

1. Applied Operations Research Graduate Certificate- *Approved*
2. Design for Usability Graduate Certificate- *Approved*
3. Training Simulation Graduate Certificate- *Approved*

6. College of Sciences

College of Sciences course additions

1. ANG 6182 Remote Sensing Methods in Anthropology- *Approved*
2. INP 6100 Overview of Research in Industrial and Organizational Psychology- *Approved*
3. ANG 5128 Lithic Analysis: The Archaeology of Stone Tools (split level) - *Approved*
4. ANG 5165 Archaeology of Pre-Columbian South America (split level) - *Approved*
5. ANG 5462 Medical Anthropology (split level) - *Approved*
6. ANG 5467 Nutritional Anthropology (split level) - *Approved*
7. ANG 5826 Geospatial and Archaeological Field School at Kerkenes (split level) - *Approved*
8. ANG 5827 Geophysical Field School at Kerkenes (split level) - *Approved*
9. ANG 5854 Digital Anthropology (split level) - *Approved*
10. AST 5705 Astrobiology (split level) - *Approved*
11. BSC 5927C Scientific Diving (split level) - *Approved*
12. ISC 5404 Fundamentals of Discipline Based Education Research (DBER) in STEM Disciplines (split level) - *Approved*

College of Sciences course continuation

1. PUP 6247 Contemporary Issues in Environmental Politics- *Approved*

College of Sciences course revisions

1. ANG 5462 Medical Anthropology- *Approved*
 - Updating course number, title, and making it a split level course.
2. ANG 6189 Integrative Isotopic Sciences- *Approved*
 - Changing course from 7000 level.
3. CHS 6492 Atomic Spectroscopy- *Approved*
 - Updating the term of offering from "Occasional" to "Even Spring".

College of Sciences program revisions

1. Anthropology MA- *Approved*
 - Change to the admissions criteria.
2. Industrial and Organizational Psychology MS- *Approved*
 - Adding course INP 6100 to Required Courses and making 3 courses that were required now electives-with a choice of 2 courses.
3. Industrial and Organizational Psychology PhD- *Approved*
 - Consolidating introductory courses to provide more elective credits. Addition of overview course.

4. Statistics and Data Science MS, Data Science Track- *Approved*
 - Name change reflecting department name change.
5. Statistics and Data Science MS, Statistics Track- *Tabled. Confusion if this is a new track or if this is just a name change of the Statistical Computing MS. It was decided that the Committee would table the proposal until more information is received. 3/20/20 Department chair Dr. Shunpu Zhang confirmed the proposal is to revise the name of the Statistical Computing MS to Statistics and Data Science MS. All references to the Statistics Track should be removed from the proposal. The updated information was sent to Dr. Zhang and the Committee for approval.*
 - Name change reflecting department name change.

7. Rosen College of Hospitality Management

Rosen College of Hospitality Management course additions

1. HMG 6007 Event Trends, Technology and the Macroenvironment- *Approved*
2. HMG 6350 Advanced Event Design- *Approved*
3. HMG 6563 Marketing of Events- *Approved*
4. HMG 6564 Relationship Management in Events- *Approved*
5. HMG 6582 Event Analytics- *Approved*
6. HMG 6604 Legal Environment of Events- *Approved*
7. HMG 6711 Events Across Borders- *Approved*
8. HMG 6741 Destination Planning for Events- *Approved*
9. HMG 6796 Contemporary Issues in Event Management- *Approved*
10. HMG 6798 The Reflective Leader- *Approved*

8. College of Health Professions and Sciences

College of Health Professions and Sciences course revisions

1. PET 5355 Exercise Physiology I- *Approved*
2. PET 6389 Exercise Physiology II- *Approved*