

Minutes
Graduate Council Curriculum Committee
September 23, 2020
2:30 p.m., Zoom

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

Administrators and Guests Present: Devon Jensen, Sevil Sonmez, Alan Fyall, Laurie von Kalm, Glenn Lambie, Brandy Pieper, Zhaomiao (Walter) Guo, Cliff Zou, Andrew Randall, Danae Barulich, Ana Salas, Varadraj Gurupur

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.

Revision of CECS Digital Forensics MS.

Dr. Cliff Zou explained the program revision is to update the program description, change electives options, delete the equipment fee, remove the priority admission deadline, and to change the admission requirement of letters of recommendation. There was a discussion about the letters of recommendation and the College of Graduate Studies admissions area explained it is not the standard to make the letters only recommended but not required. The outcome was to change the requirement from 3 letters required to 1 letter required. The deletion of the equipment fee will officially come before the committee at a later meeting with a separate proposal. The program revision received unanimous approval.

Update: In conversation with the College of Graduate Studies funding area, the importance of the priority admission deadline for student funding was clarified. The priority admission deadline was reinstated.

Revision of CECS Civil Engineering MS, Smart Cities Track.

Dr. Andrew Randall explained the track revision is to add the elective course CAP 5738. The track revision received unanimous approval.

Revision of CECS Civil Engineering MS, Structural and Geotechnical Engineering Track.

Dr. Andrew Randall explained the track revision is to update the track description and to change required and elective courses. The track revision received unanimous approval.

Revision of CECS Civil Engineering MS, Water Resources Engineering Track.

Dr. Andrew Randall explained the track revision is to add more options to required courses and to update the track and curriculum descriptions. The track revision received unanimous approval.

Revision of CECS Environmental Engineering MSENVE.

Dr. Andrew Randall explained the program revision is to update the program description, revise course requirements, pre-requisites, elective courses, and language in the application requirements. The program revision received unanimous approval.

Revision of CECS Environmental Engineering PhD.

Dr. Andrew Randall explained the program revision is to update the program description and change elective courses. The program revision received unanimous approval.

Adjournment. The meeting adjourned at 3:04p.m. The next meeting is scheduled for October 7, 2020.

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1. College of Medicine

College of Medicine course additions- All COM courses tabled due to no representative present.

1. MDC 7002 Transition to Core Clerkships
2. MDE 8603 Non-Clinical Advanced Surgery Elective
3. MDR 8570 Orthopedic Research Elective

2. College of Engineering and Computer Science

College of Engineering and Computer Science course revisions

1. EMA 6130 Advanced Phase Transformations in Materials- *Approved*
 - Name change from “Phase Transformation in Metals and Alloys” to “Advanced Phase Transformations in Materials” to reflect advanced concepts suitable primarily for graduate student audience. There is an undergraduate class in the MSE Department, named Phase Transformations in Materials (EMA4125).
2. CGN 5617 Infrastructure Systems Optimization and Identification- *Approved*
 - Name change from “Intelligent Infrastructure Management” to “Infrastructure Systems Optimization and Identification”. This update is needed as it may be confused with CCE 5006 (Project Management)

College of Engineering and Computer Science program revisions

1. Digital Forensics MS- *Approved. See notes on program agenda page.*
 - Changes to program description
 - Add restricted elective courses
 - Delete elective course ESI 5219: Engineering Statistics
 - Move elective course “CIS 6206: Electronic Discovery for Digital Forensics Professionals” from Group B (criminal justice) to Group C (legal study).
 - Remove the equipment fee. Intend to use open-source or free software for course teaching. Separate Fee form will be reviewed at a later meeting.
 - Remove priority admission deadline, add Summer term admission
 - Change application requirement “Three letters of recommendation” to “Letters of recommendation (encouraged but not required)”.

2. Civil Engineering MS, Smart Cities Track- *Approved*
 - Add elective course CAP 5738
3. Civil Engineering MS, Structural and Geotechnical Engineering Track- *Approved*
 - Update Program description
 - Changes to required and elective courses
4. Civil Engineering MS, Water Resources Engineering Track- *Approved*
 - Add more course options to required courses
 - Update Program description and Curriculum description
5. Civil Engineering MSCE- *Approved*
 - Adding course options to multiple areas
6. Environmental Engineering MSEnvE- *Approved*
 - Changes to program description
 - Revisions to course requirement, pre-reqs, elective course, application requirements language
7. Environmental Engineering PhD- *Approved*
 - Revision to Program Description
 - Add and remove elective courses