

Graduate Council Curriculum Committee
November 20, 2024
2:30 p.m., Zoom

Agenda

1. Welcome and call to order
2. Announcements/Discussions
 - Minutes from this meeting will be emailed for approval
3. Review of minutes from October 23, 2024
4. Curriculum Proposals
5. Adjournment

Members and Administrators of the Graduate Council Curriculum Committee

Daniel Paulson, Chair, College of Sciences

Kelly Kibler, Vice Chair, College of Engineering and Computer Science

Valeriya Shapoval, Rosen College of Hospitality Management

Elsie Olan, College of Community Innovation and Education

Ghaith Rabadi, College of Engineering and Computer Science

TBD, College of Arts and Humanities

Sean Moore, College of Medicine

Francisco Guido-Sanz, College of Nursing

Sasan Fathpour, College of Optics and Photonics

Kevin Brown, College of Health Professions and Sciences

Michael Caputo, College of Business Administration

Sara Duff, University Library

Rohan Jowallah, Center for Distributed Learning

Megan Yavar, Graduate Student Association

Kerstin Hamann, College of Sciences, Administrator

Susan Dyess, College of Nursing, Administrator

Ali Gordon, College of Engineering and Computer Science, Administrator

Patrick LiKamWa, College of Optics and Photonics, Administrator

Anastasia Salter, College of Arts and Humanities, Administrator

Julia Listengarten, College of Graduate Studies, Administrator

Ronnie Zimmerman, College of Community Innovation and Education, Administrator

Jihe Zhao, College of Medicine, Administrator

Suha Saleh, College of Health Professions and Sciences, Administrator

Pradeep Bhardwaj, College of Business Administration, Administrator

Alan Fyall, Rosen College of Hospitality Management, Administrator

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P= Primary reviewer, S= Secondary reviewer

CONSENT AGENDA

1. College of Sciences

College of Sciences course revisions

1. CLP 6461 Cognitive-Behavioral Therapy (*P= Yavar, S= Paulson*)
 - Revision to term of offering
2. CYP 6948C Psychology Internship (*P= Yavar, S= Paulson*)
 - Revision to credit hours from variable to fixed at 4 hrs
3. CYP 6942 Practicum in Psychological Counseling (*P= Yavar, S= Paulson*)
 - Revision to term of offering

College of Sciences program revisions

1. Clinical Psychology MA, Applied Pre-Licensure Non-Thesis Track (*P= Paulson, S= Yavar*)
 - Revision to internship clock hours (required credit hours remain unchanged) in alignment with accreditation changes
2. Clinical Psychology MA, Research Thesis Track (*P= Paulson, S= Yavar*)
 - Revision to elective options- adding course from same dept

2. College of Engineering and Computer Science

College of Engineering and Computer Science course revisions

1. CCE 6211 Design and Monitoring of Construction Processes (*P= Paulson, S= Yavar*)*
 - Updating prereq and term of offering
2. CCE 6045 Cost Analysis of Sustainable Infrastructure Systems (*P= Paulson, S= Yavar*)
 - Updating prereq and term of offering
3. CCE 5220 Sustainable Infrastructure Systems (*P= Paulson, S= Yavar*)
 - Updating prereq and term of offering
4. CCE 5205 Decision Support for Infrastructure Projects (*P= Paulson, S= Yavar*)*
 - Updating prereq and term of offering
5. CCE 5006 Infrastructure Systems Management (*P= Paulson, S= Yavar*)*
 - Updating prereq and term of offering
6. CCE 6036 Advanced Construction Planning and Control (*P=Brown, S=Fathpour*)*
 - Updating prereq and term of offering

7. CCE 6817 Dynamics of Sustainable Systems (*P=Brown, S=Fathpour*)*
 - Updating prereq and term of offering

College of Engineering and Computer Science program revisions

1. Environmental Engineering MSEnvE (*P=Brown, S=Fathpour*)
 - Updating program prereqs
2. Environmental Engineering MS, Environmental Engineering Sciences Track (*P=Brown, S=Fathpour*)
 - Updating program prereqs, articulation courses, track description
3. Civil Engineering MS (*P=Brown, S=Fathpour*)
 - Updating program prereqs, articulation courses
4. Civil Engineering MS, Structural and Geotechnical Engineering Track (*P= Fathpour, S= Brown*)
 - Updating program prereqs, articulation courses
5. Civil Engineering MS, Transportation Systems Engineering Track (*P= Fathpour, S= Brown*)
 - Updating program prereqs, articulation courses
6. Civil Engineering MS, Water Resources Engineering Track (*P= Fathpour, S= Brown*)
 - Updating program prereqs, articulation courses

ACTION AGENDA

1. College of Engineering and Computer Science

College of Engineering and Computer Science course additions

1. IDS 6831 Real-Time Simulation Modeling for Digital Twins (*P= Fathpour, S= Brown*)
2. IDS 6826 Capstone – Project-based Digital Twin Applications (*P= Fathpour, S= Brown*)

College of Engineering and Computer Science course revision

1. EEL 6875 Artificial Intelligence for Autonomous Systems (*P= Moore, S= Guido-Sanz*)
 - Revision to course title, description, and content

College of Engineering and Computer Science program revisions

1. Computer Engineering PhD (*P= Moore, S= Guido-Sanz*)
 - Adding flexible language to Specialization required courses and Electives
2. Computer Engineering MSCpE (*P= Moore, S= Guido-Sanz*)
 - Adding flexible language to Specialization area courses
3. Electrical Engineering PhD (*P= Moore, S= Guido-Sanz*)
 - Adding flexible language to Specialization required courses and Electives, adding new Specialization areas
4. Electrical Engineering MSEE (*P= Guido-Sanz, S= Moore*)

- Adding flexible language to Specialization area courses

2. College of Health Professions and Sciences

College of Health Professions and Sciences fee additions

1. SPA 6402 Language Disorders: Birth to 5 Years (*P= Guido-Sanz, S= Moore*)
 - Adding \$25 Materials and Supplies Fee
2. SPA 6403 Language Disorders: School-Age through Adolescence (*P= Guido-Sanz, S= Moore*)
 - Adding \$25 Materials and Supplies Fee

College of Health Professions and Sciences program addition

1. Communication Sciences and Disorders PhD (*P= Guido-Sanz, S= Moore*)

College of Health Professions and Sciences course additions

1. SPA 7132 Advanced Instrumentation and Analyses in Speech, Language and Hearing Sciences (*P= Kibler, S= Shapoval*)
2. SPA 7497 Proseminar in Communication Sciences and Disorders (*P= Kibler, S= Shapoval*)
3. SPA 7571 Organization, Administration and Management in Communication Sciences and Disorders (*P= Kibler, S= Shapoval*)
4. SPA 7806 Advanced Research Design and Analysis for the Communication Sciences (*P= Kibler, S= Shapoval*)
5. SPA 7808 Proposal Design, Development and Evaluation for Communication Sciences and Disorders (*P= Shapoval, S= Kibler*)
6. SPA 7880 Principles and Applications of Simulation and Virtualization in CSD (*P= Shapoval, S= Kibler*)
7. SPA 7881 Scientific Computing for Speech, Language and Hearing Sciences (*P= Shapoval, S= Kibler*)
8. PHT 7847 Physical Therapy Residency - Sports I (*P= Shapoval, S= Kibler*)
9. PHT 7854 Physical Therapy Residency - Sports II (*P= Rabadi, S= Kibler*)
10. PHT 7855 Physical Therapy Residency - Sports III (*P= Rabadi, S= Kibler*)
11. PHT 7849 Physical Therapy Residency - Neurology I (*P= Rabadi, S= Shapoval*)
12. PHT 7850 Physical Therapy Residency - Neurology II (*P= Rabadi, S= Duff*)
13. PHT 7851 Physical Therapy Residency - Neurology III (*P= Rabadi, S= Olan*)
14. PHT 7846 Physical Therapy Residency - Women's Health I (*P= Rabadi, S= Olan*)
15. PHT 7856 Physical Therapy Residency - Women's Health II (*P= Olan, S= Rabadi*)
16. PHT 7857 Physical Therapy Residency - Women's Health III (*P= Duff, S= Olan*)
17. PHT 7848 Physical Therapy Residency - Orthopaedics I (*P= Duff, S= Olan*)
18. PHT 7852 Physical Therapy Residency - Orthopaedics II (*P= Duff, S= Olan*)
19. PHT 7853 Physical Therapy Residency - Orthopaedics III (*P= Duff, S= Olan*)

3. College of Arts and Humanities

College of Arts and Humanities course additions

1. AMH 6412 Seminar on Jim Crow America (P= Duff, S= Olan)
2. AMH 5411 Colloquium on Jim Crow America (P= Duff, S= Olan)
3. TPA 6181 Topics in Themed Experience Producing (P= Caputo, S= Jowallah)
4. TPA 6185 Themed Entertainment Budgeting and Project Management (P= Caputo, S= Jowallah)
5. TPA 6184 Creative Production for Themed Experience and Attractions (P= Caputo, S= Jowallah)

College of Arts and Humanities program revision

1. Themed Experience MS (P= Caputo, S= Jowallah)
 - Revision to degree requirements- creating two areas of concentration

4. College of Medicine

College of Medicine course additions

1. MDE 8497 Pediatric Urology Elective (P= Jowallah, S= Caputo)
2. MDE 8800 Neurology Elective (P= Jowallah, S= Caputo)

5. College of Community Innovation and Education

College of Community Innovation and Education course addition

1. EDF 7480 Qualitative Interviewing (P= Jowallah, S= Caputo)

College of Community Innovation and Education program revision

1. Instructional Design for Simulations Graduate Certificate (P= Jowallah, S= Caputo)
 - Revision to course requirements