

Graduate Council Curriculum Committee
October 21, 2026
3:00 pm, Teams

Agenda

1. Welcome and call to order
2. Announcements
3. Review of minutes from October 7, 2026
4. Curriculum Proposals
5. Adjournment

Members and Administrators of the Graduate Council Curriculum Committee

Kelly Kibler, Chair, College of Engineering and Computer Science
Elsie Olan, Vice Chair, College of Community Innovation and Education
Youcheng Wang, Rosen College of Hospitality Management
Sean Moore, College of Medicine
Peggy Hill, College of Nursing
Paul Leisher, College of Optics and Photonics
Kevin Brown, College of Health Professions and Sciences
Vladimir Gatchev, Barry S. Miller College of Business
Connie Lester, College of Arts and Humanities
Rich Gause, University Library
Xiufang Guo, Office of Research
Dominique Bailey, Center for Distributed Learning
Melissa Deinys, Graduate Student Association
Jihyun Kim, College of Sciences
Kerstin Hamann, College of Sciences, Administrator
Mindi Anderson, College of Nursing, Administrator
David Mohaisen, 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, Barry S. Miller College of Business, Administrator
David Kwun, Rosen College of Hospitality Management, Administrator

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P= Primary reviewer, S= Secondary reviewer

CONSENT AGENDA

1. College of Nursing

College of Nursing track revisions

1. Nursing Practice DNP, Adult-Gerontology Acute Care Nurse Practitioner Track
(*P=Kibler, S=Deinys*)
 - Revision to track prerequisite
2. Nursing Practice DNP, Adult-Gerontology Primary Care Nurse Practitioner Track
(*P=Kibler, S=Deinys*)
 - Revision to track prerequisite
3. Nursing Practice DNP, Family Nurse Practitioner Track (*P=Kibler, S=Deinys*)
 - Revision to track prerequisite
4. Nursing MSN, Nurse Educator Track (*P=Kibler, S=Deinys*)
 - Revision to track prerequisite
5. Nursing MSN, Leadership and Management Track (*P=Kibler, S=Deinys*)
 - Revision to track prerequisite

2. College of Sciences

College of Sciences course revisions

1. DIG 6944C Game Design Practicum (*P=Kibler, S=Deinys*)
 - Update to prereqs
2. DIG 6718C Interactive Entertainment Project (*P=Kibler, S=Deinys*)
 - Update to prereqs

3. College of Engineering and Computer Science

College of Engineering and Computer Science program revisions

1. Materials Science and Engineering PhD (*P=Kibler, S=Deinys*)
 - Revision to electives, language in Dissertation, Examinations, Admission to Candidacy, and Dissertation Defense sections
2. Materials Science and Engineering PhD, Post-Master's Track (*P=Kibler, S=Deinys*)
 - Revision to electives, language in Dissertation Hours and Examinations sections

4. College of Health Professions and Sciences

College of Health Professions and Sciences course revisions

1. SPA 6417 Management of Acquired Cognitive/Communication Disorders Across the Lifespan (*P= Deinys, S= Guo*)
 - Revision to term of offering, prereqs, deleting M&S fee
2. HSA 6555 Healthcare Ethics and Law (*P= Deinys, S= Guo*)
 - Revision to title, term of offering, prereqs
3. HSA 6346 Healthcare Organizational Behavior and Human Resource Management (*P= Deinys, S= Guo*)
 - Revision to title, description, term of offering, prereqs
4. HSA 6156 Healthcare Economics and Policy (*P= Deinys, S= Guo*)
 - Revision to title, description, term of offering, prereqs
5. HSA 6188 Healthcare Capstone and Strategic Management (*P= Deinys, S= Guo*)
 - Revision to title, term of offering, prereqs
6. HSA 6505 Healthcare Quality and Risk Management (*P= Deinys, S= Guo*)
 - Revision to title, description, term of offering, prereqs
7. HSA 6179 Financial Accounting for Healthcare Managers (*P= Deinys, S= Guo*)
 - Revision to title, description, term of offering, prereqs
8. HSA 6178 Financial Management for Healthcare Managers (*P= Deinys, S= Guo*)
 - Revision to title, description, prereqs
9. HSA 6345 Leadership for Healthcare Executives (*P= Deinys, S= Guo*)
 - Revision to title, prereqs
10. HSA 6766 Healthcare Statistics and Research (*P= Deinys, S= Guo*)
 - Revision to title, description, prereqs
11. HSA 6520 Epidemiology and Health Planning (*P= Deinys, S= Guo*)
 - Revision to term of offering, prereqs
12. HSA 6119 Healthcare Organizational Behavior (*P= Deinys, S= Guo*)
 - Revision to prereqs
13. HSA 6342 Healthcare Human Resources (*P= Guo, S=Kibler*)
 - Revision to prereqs
14. HSA 6128 Healthcare Market Analysis and Strategy (*P= Guo, S=Kibler*)
 - Revision to prereqs
15. HSA 6155 Healthcare Economics and Policy (*P= Guo, S=Kibler*)
 - Revision to prereqs
16. HSA 6195 Digital Health and Intelligent Information Systems (*P= Guo, S=Kibler*)
 - Revision to prereqs
17. HSA 6385 Healthcare Quality and Safety (*P= Guo, S=Kibler*)
 - Revision to prereqs
18. HSA 6512 Leadership in Healthcare Organizations (*P= Guo, S=Kibler*)
 - Revision to prereqs
19. HSA 6946 Health Administration Internship (*P= Guo, S=Kibler*)
 - Revision to title, description, prereqs
20. HSC 6911 Evidence-Based Management in Healthcare (*P= Guo, S=Kibler*)

- Revision to prereqs
- 21. HSA 5177 Finance for Public Health Leaders (*P= Guo, S=Kibler*)
 - Revision to title, description, term of offering, prereqs
- 22. HSA 6112 Global Health Systems (*P= Guo, S=Kibler*)
 - Revision to prereqs
- 23. HSA 6197C Healthcare Informatics for Healthcare Leaders (*P= Gatchev, S=Olan*)
 - Revision to title, term of offering, prereqs
- 24. HSA 5198 Healthcare Operations and Project Management (*P= Gatchev, S=Olan*)
 - Revision to prereqs
- 25. HSC 6636 MHA Cornerstone (*P= Gatchev, S=Olan*)
 - Revision to term of offering, prereqs
- 26. HSA 6925 Health Administration Capstone (*P= Gatchev, S=Olan*)
 - Revision to title, description, prereqs
- 27. PHC 6000 Population Health and Epidemiology (*P= Gatchev, S=Olan*)
 - Revision to term of offering, prereqs
- 28. PHC 6160 Healthcare Finance I: Essentials of Financial Operations (*P= Gatchev, S=Olan*)
 - Revision to prereqs
- 29. PHC 6420 Health Law and Ethics (*P= Gatchev, S=Olan*)
 - Revision to prereqs, term of offering

ACTION AGENDA

1. College of Sciences

College of Sciences course revision

1. MAP 5117 Mathematical Modeling (split-level) (*P= Gatchev, S=Olan*)
 - Making course split-level

College of Sciences course additions

1. MAS 6115 Tensors and Their Applications (*P= Gatchev, S=Olan*)
2. COM 7098 Human-Machine Communication (*P= Gatchev, S=Olan*)

College of Sciences program revision

1. Security Studies PhD (*P= Olan, S= Gatchev*)
 - Replacing Restricted Electives list of courses with school prefixes and course level

2. College of Engineering and Computer Science

College of Engineering and Computer Science course revision

1. EEE 6712 Modeling and Analysis of Networked Cyber-Physical Systems (*P= Olan, S= Gatchev*)
 - Revision to course description

College of Engineering and Computer Science course additions

1. EML 6938 ST: Nuclear Reactor Technologies (special topic) (*P= Olan, S= Gatchev*)
2. EEL 5xxx Multidisciplinary Analysis and Design of Zero-Carbon Energy Systems (*P= Olan, S= Gatchev*)
3. EEL 5937 ST: Quantum Algorithms and Compilation (special topic) (*P= Olan, S= Gatchev*)
4. EEL 5937 ST: Brain-Inspired Computing Architecture for Artificial Intelligence (special topic) (*P= Olan, S= Gatchev*)
5. CAP 5640 Natural Language Processing (*P= Olan, S= Gatchev*)
6. CAP 6660 Advanced Natural Language Processing (*P= Olan, S= Gatchev*)
7. CAP 6938 ST: Multimodal Natural Language Processing (special topic) (*P= Olan, S= Gatchev*)
8. CAP 6938 ST: Agentic Artificial Intelligence (special topic) (*P= Olan, S= Gatchev*)

College of Engineering and Computer Science course revision

1. CAP 6640 Applied Natural Language Processing (*P= Bailey, S= Kim*)
 - Revision to title

3. College of Nursing

College of Nursing course additions

1. NGR 6301 Advanced Child Health Nursing 1 (*P= Bailey, S= Kim*)
2. NGR 6301L Advanced Child Health Nursing 1 Clinical (*P= Bailey, S= Kim*)
3. NGR 6302 Advanced Child Health Nursing 2 (*P= Bailey, S= Kim*)
4. NGR 6302L Advanced Child Health Nursing 2 Clinical (*P= Bailey, S= Kim*)
5. NGR 6307 Advanced Child Health Nursing 3 (*P= Bailey, S= Kim*)
6. NGR 6308 Pediatric Developmental, Behavioral, and Mental Health for Advanced Nursing Practice (*P= Bailey, S= Kim*)
7. NGR 6338 Advanced Pediatric Pharmacology (*P= Bailey, S= Kim*)
8. NGR 6372C Advanced Pediatric Procedures and Diagnostics (*P= Bailey, S= Kim*)
9. NGR 6311 Advanced Acute Care Child Health Nursing 1 (*P= Bailey, S= Kim*)
10. NGR 6311L Advanced Acute Care Child Health Nursing 1 Clinical (*P= Kim, S= Bailey*)
11. NGR 6312 Advanced Acute Care Child Health Nursing 2 (*P= Kim, S= Bailey*)
12. NGR 6312L Advanced Acute Care Child Health Nursing 2 Clinical (*P= Kim, S= Bailey*)

13. NGR 6307L Advanced Child Health Nursing 3 Clinical (P= Kim, S= Bailey)
14. NGR 6948L Advanced Child Health Nursing Practicum (P= Kim, S= Bailey)
15. NGR 6949L Advanced Acute Care Child Health Nursing Practicum (P= Kim, S= Bailey)

4. College of Health Professions and Sciences

College of Health Professions and Sciences program revisions

1. Master of Health Administration MHA (P= Kim, S= Bailey)
 - Revision to title, description
2. Master of Health Administration MHA, Hybrid Track (P= Kim, S= Bailey)
 - Revision to title, description, prereqs, details
3. Master of Health Administration MHA, Executive Track (P= Kim, S= Bailey)
 - Revision to title, delivery mode

5. Barry S. Miller College of Business

Barry S. Miller College of Business course additions

1. QMB 6359 Empirical Methods for Use in Business Analytics (P= Moore, S= Wang)
2. QMB 6370 AI Tools in Business Analytics (P= Moore, S= Wang)

Barry S. Miller College of Business program revision

1. Business Analytics MS (P= Moore, S= Wang)
 - Replacing required courses with two new courses above

6. College of Medicine

College of Medicine course additions

1. MDE 8067 Transition to Internship (P= Wang, S= Moore)
2. GMS 6001 Foundations of Aerospace Medicine (P= Wang, S= Moore)
3. GMS 6002 Aerospace Physiology and Environmental Medicine (P= Wang, S= Moore)
4. GMS 6010 Space Medicine and Human Performance (P= Wang, S= Moore)
5. GMS 6020 Clinical and Operational Aerospace Medicine (P= Wang, S= Moore)
6. GMS 6030 Human Factors, Behavioral Science, Aerospace Safety, and Crew Performance (P= Wang, S= Moore)
7. GMS 6040 Aerospace Medical Operations and Medical Autonomy (P= Wang, S= Moore)
8. GMS 6050 Research Methods, Biostatistics, and Epidemiology for Aerospace Medicine (P= Leisher, S= Hill)
9. GMS 6051 Applied Biostatistics for Aerospace and Operational Medicine (P= Leisher, S= Hill)
10. GMS 6060 Aerospace Environmental and Occupational Health (P= Leisher, S= Hill)

11. GMS 6100 Commercial Human Spaceflight Medicine (*P= Leisher, S= Hill*)
12. GMS 6110 Advanced Human Performance and Countermeasures (*P= Leisher, S= Hill*)
13. GMS 6120 Aerospace Mishap Investigation and Medical Risk Management (*P= Leisher, S= Hill*)
14. GMS 6140 Aerospace Medicine Policy, Ethics, and Regulation (*P= Leisher, S= Hill*)
15. GMS 6150 Extreme Environment and Analog Medicine (*P= Leisher, S= Hill*)
16. GMS 6200 Aerospace Health Systems Administration, Policy, and Quality (*P= Hill, S= Leisher*)
17. GMS 6210 Preventive Medicine and Population Health in Aerospace Operations (*P= Hill, S= Leisher*)
18. GMS 6905 Graduate Capstone in Aerospace Medicine (*P= Hill, S= Leisher*)
19. GMS 6918 Directed Research in Aerospace Medicine (*P= Hill, S= Leisher*)
20. GMS 6946 Internship / Practicum in Aerospace Medicine (*P= Hill, S= Leisher*)

College of Medicine program addition

1. Aerospace Medicine MS (*P= Hill, S= Leisher*)

College of Medicine course additions

1. PHC 6007 Cancer Epidemiology (*P= Lester, S= Gause*)
2. PHC 6724 Qualitative Research Methods and Analysis for Population Health Sciences (*P= Lester, S= Gause*)
3. PHC 6407 Drivers of Population Health (*P= Lester, S= Gause*)
4. PHC 6052 Biostatistics in Population Health (*P= Lester, S= Gause*)
5. PHC 6053 Data Analysis and Interpretation in Population Health (*P= Lester, S= Gause*)
6. PHC 6723 Quantitative/Survey Research Design (*P= Lester, S= Gause*)
7. PHC 6632 Artificial Intelligence & Population Health (*P= Lester, S= Gause*)
8. PHC 6704 Community-Based Research Methods and Evaluation (*P= Gause, S= Lester*)
9. PHC 6001 Principles of Public Health Epidemiology (*P= Gause, S= Lester*)
10. PHC 6002 Infectious Disease Epidemiology (*P= Gause, S= Lester*)
11. PHC 6039 Infection Prevention and Control (*P= Gause, S= Lester*)
12. PHC 6570 Epidemiology of Sexually Transmitted Infections (*P= Gause, S= Lester*)
13. PHC 6774 Implementation Science (*P= Gause, S= Lester*)
14. PHC 6941 MPH Applied Practice Experience (*P= Gause, S= Lester*)
15. PHC 6943 MPH Integrative Learning Experience (*P= Gause, S= Lester*)