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

Members Present: Kelly Kibler, Peggy Hill, Rich Gause, Vladimir Gatchev, Paul Leisher, Connie Lester, Jihyun Kim, Dominique Bailey, Sean Moore, Elsie Olan, Nadine Guo
Administrators and Guests Present: Julia Listengarten, John Weishampel, David Mohaisen, David Kwun, Patrick LiKamWa, Suha Saleh, Pradeep Bhardwaj, Ronnie Zimmerman, Mindi Anderson, Jihe Zhao, Sarah Barber, Tonya Walker, Bridgett Burk, Ranetta Guinn, Brandi Kramer, Kelly Grieneisen Tillotson, Julie Shankle, Kristin Dellasala, Valerie Martinez, Jaclyn Lucey, Jiyu Fang, Youcheng Wang, Eric Schrimshaw, Yanisa Del Toro, Cindy Prins, Santu Karmaker, Kunal Mondal, Emmanuel Urquieta, Monique Carter, Marianna Pensky, Benjamin Noel, Song Wang, Woo Hyoung Lee, Di Wu, Xiufang Guo, Reid Oetjen, Saima Owens, Efekan Kokcu, Michael Rovito, Andrew Nevai, Yuzhang Shang, Farzad Pourbabaee
Recorder: Emily Stettner

Welcome and call to order.
Dr. Kelly Kibler, chair, called the meeting to order at 3:00p.m. and welcomed the Committee and administrators. A quorum was established. The minutes from the October 7, 2026 meeting were reviewed and approved.

Courses.
See the attached detailed minutes.

Revision of CON Nursing Practice DNP, Adult-Gerontology Acute Care Nurse Practitioner Track; Nursing Practice DNP, Adult-Gerontology Primary Care Nurse Practitioner Track; Nursing Practice DNP, Family Nurse Practitioner Track; Nursing MSN, Nurse Educator Track; Nursing MSN, Leadership and Management Track.
The revisions were on the consent agenda. The revisions are to the track prerequisites. The revision to the tracks received unanimous approval.

Revision of CECS Materials Science and Engineering PhD.
The revisions were on the consent agenda. The revision is to electives and language in the Dissertation, Examinations, Admission to Candidacy, and Dissertation Defense sections. The program revision received unanimous approval.

Revision of CECS Materials Science and Engineering PhD, Post-Master's Track.
The revisions were on the consent agenda. The revision is to electives and language in the Dissertation Hours and Examinations sections. The track revision received unanimous approval.

Revision of COS Security Studies PhD.
Bridgett Burk explained the revision is to replace the Restricted Electives list of courses with general language including course prefixes within the school and course levels. The revision will ease administrative time. The program revision received unanimous approval.

Revision of CHPS Master of Health Administration MHA; Master of Health Administration MHA, Hybrid Track; Master of Health Administration MHA, Executive Track.
Dr. Reid Oetjen explained the revision is to the title of the program and tracks. The program and hybrid track descriptions were revised. The hybrid track revisions included the prerequisites and track details. The executive track changed the delivery mode. The program and the revisions to the tracks received unanimous approval.

Revision of MCB Business Analytics MS.
Dr. Farzad Pourbabaee explained the revision is to replace outdated required courses with two new courses. The revision will modernize the curriculum. The program revision received unanimous approval.

Addition of COM Aerospace Medicine MS.
Dr. Emmanuel Urquieta explained the program will prepare physicians, healthcare professionals, scientists, engineers, human-performance specialists, and other qualified professionals to address human health, performance, safety, and medical-support challenges in aviation, human spaceflight, and extreme environments. The graduate program requires 36 credit hours and will be offered online. The program addition received unanimous approval.

Adjournment.
The meeting adjourned at 4:48p.m. The next meeting is scheduled for November 4, 2026.

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

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

2. College of Sciences

College of Sciences course revisions

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

- 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)* -***Approved.***
    - Revision to term of offering, prereqs, deleting M&S fee
2. HSA 6555 Healthcare Ethics and Law *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, term of offering, prereqs
3. HSA 6346 Healthcare Organizational Behavior and Human Resource Management *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, term of offering, prereqs
4. HSA 6156 Healthcare Economics and Policy *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, term of offering, prereqs
5. HSA 6188 Healthcare Capstone and Strategic Management *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, term of offering, prereqs
6. HSA 6505 Healthcare Quality and Risk Management *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, term of offering, prereqs
7. HSA 6179 Financial Accounting for Healthcare Managers *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, term of offering, prereqs
8. HSA 6178 Financial Management for Healthcare Managers *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, prereqs
9. HSA 6345 Leadership for Healthcare Executives *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, prereqs
10. HSA 6766 Healthcare Statistics and Research *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to title, description, prereqs
11. HSA 6520 Epidemiology and Health Planning *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to term of offering, prereqs
12. HSA 6119 Healthcare Organizational Behavior *(P= Deinys, S= Guo)* -***Approved.***
    - Revision to prereqs
13. HSA 6342 Healthcare Human Resources *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
14. HSA 6128 Healthcare Market Analysis and Strategy *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
15. HSA 6155 Healthcare Economics and Policy *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
16. HSA 6195 Digital Health and Intelligent Information Systems *(P= Guo, S=Kibler)*

Approved.

- Revision to prereqs

17. HSA 6385 Healthcare Quality and Safety *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
18. HSA 6512 Leadership in Healthcare Organizations *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
19. HSA 6946 Health Administration Internship *(P= Guo, S=Kibler)* -***Approved. Later withdrawn by program.***
    - Revision to title, description, prereqs
20. HSC 6911 Evidence-Based Management in Healthcare *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
21. HSA 5177 Finance for Public Health Leaders *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to title, description, term of offering, prereqs
22. HSA 6112 Global Health Systems *(P= Guo, S=Kibler)* -***Approved.***
    - Revision to prereqs
23. HSA 6197C Healthcare Informatics for Healthcare Leaders *(P= Gatchev, S=Olan)* -***Approved.***
    - Revision to title, term of offering, prereqs
24. HSA 5198 Healthcare Operations and Project Management *(P= Gatchev, S=Olan)* -***Approved.***
    - Revision to prereqs
25. HSC 6636 MHA Cornerstone *(P= Gatchev, S=Olan)* -***Approved.***
    - Revision to term of offering, prereqs
26. HSA 6925 Health Administration Capstone *(P= Gatchev, S=Olan)* -***Approved.***
    - Revision to title, description, prereqs
27. PHC 6000 Population Health and Epidemiology *(P= Gatchev, S=Olan)* -***Approved.***
    Revision to term of offering, prereqs
    PHC 6160 Healthcare Finance I: Essentials of Financial Operations *(P= Gatchev,*
    S=Olan) -***Approved.***
    - Revision to prereqs
28. PHC 6420 Health Law and Ethics *(P= Gatchev, S=Olan)* -***Approved.***
    - 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)* -***Discussion of policies of split-level courses. Approved.***
    - Making course split-level

College of Sciences course additions

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

College of Sciences program revision

1. Security Studies PhD *(P= Olan, S= Gatchev)* -***Approved.***
    - 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)* -***Approved.***
    - 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)* -***Approved.***
2. EEL 5xxx Multidisciplinary Analysis and Design of Zero-Carbon Energy Systems *(P= Olan, S= Gatchev)* -***Approved.***
3. EEL 5937 ST: Quantum Algorithms and Compilation (special topic) *(P= Olan, S= Gatchev)* -***Approved.***
4. EEL 5937 ST: Brain-Inspired Computing Architecture for Artificial Intelligence (special topic) *(P= Olan, S= Gatchev)* -***Discussion of overlap communications and unique content of course. Approved.***
5. CAP 5640 Natural Language Processing *(P= Olan, S= Gatchev)* -***Approved.***
6. CAP 6660 Advanced Natural Language Processing *(P= Olan, S= Gatchev)* -***Discussion of CAP 5640 and 6660 level and increased rigor. Approved.***
7. CAP 6938 ST: Multimodal Natural Language Processing (special topic) *(P= Olan, S= Gatchev)* -***Approved.***
8. CAP 6938 ST: Agentic Artificial Intelligence (special topic) *(P= Olan, S= Gatchev)* -***Approved.***

College of Engineering and Computer Science course revision

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

3. College of Nursing

College of Nursing course additions

1. NGR 6301 Advanced Child Health Nursing 1 *(P= Bailey, S= Kim)* -***Discussion of prerequisite course being 7000 level being standard practice for the program. Approved.***
2. NGR 6301L Advanced Child Health Nursing 1 Clinical *(P= Bailey, S= Kim)* -***Approved.***
3. NGR 6302 Advanced Child Health Nursing 2 *(P= Bailey, S= Kim)* -***Approved.***
4. NGR 6302L Advanced Child Health Nursing 2 Clinical *(P= Bailey, S= Kim)* -***Approved.***
5. NGR 6307 Advanced Child Health Nursing 3 *(P= Bailey, S= Kim)* -***Approved.***
6. NGR 6308 Pediatric Developmental, Behavioral, and Mental Health for Advanced Nursing Practice *(P= Bailey, S= Kim)* -***Approved.***
7. NGR 6338 Advanced Pediatric Pharmacology *(P= Bailey, S= Kim)* -***Approved.***
8. NGR 6372C Advanced Pediatric Procedures and Diagnostics *(P= Bailey, S= Kim)* -***Approved.***
9. NGR 6311 Advanced Acute Care Child Health Nursing 1 *(P= Bailey, S= Kim)* -***Approved.***
10. NGR 6311L Advanced Acute Care Child Health Nursing 1 Clinical *(P= Kim, S= Bailey)* -***Approved.***
11. NGR 6312 Advanced Acute Care Child Health Nursing 2 *(P= Kim, S= Bailey)* -***Discussion if course should have a prerequisite or corequisite. Both added to course. Approved.***
12. NGR 6312L Advanced Acute Care Child Health Nursing 2 Clinical *(P= Kim, S= Bailey)* -***Approved.***
13. NGR 6307L Advanced Child Health Nursing 3 Clinical *(P= Kim, S= Bailey)* -***Approved.***
14. NGR 6948L Advanced Child Health Nursing Practicum *(P= Kim, S= Bailey)* -***Approved.***
15. NGR 6949L Advanced Acute Care Child Health Nursing Practicum *(P= Kim, S= Bailey)* -***Approved.***

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)* -***Approved.***
    - Revision to title, description
2. Master of Health Administration MHA, Hybrid Track *(P= Kim, S= Bailey)* -***Approved.***
    - Revision to title, description, prereqs, details
3. Master of Health Administration MHA, Executive Track *(P= Kim, S= Bailey)* -***Approved.***
    - 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)* -***Approved.***
2. QMB 6370 AI Tools in Business Analytics *(P= Moore, S= Wang)* -***Approved.***

Barry S. Miller College of Business program revision

1. Business Analytics MS *(P= Moore, S= Wang)* -***Approved.***
    - 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)* -***Approved.***
2. GMS 6001 Foundations of Aerospace Medicine *(P= Wang, S= Moore)* -***Approved.***
3. GMS 6002 Aerospace Physiology and Environmental Medicine *(P= Wang, S= Moore)* -***Approved.***
4. GMS 6010 Space Medicine and Human Performance *(P= Wang, S= Moore)* -***Approved.***
5. GMS 6020 Clinical and Operational Aerospace Medicine *(P= Wang, S= Moore)* -***Approved.***
6. GMS 6030 Human Factors, Behavioral Science, Aerospace Safety, and Crew Performance *(P= Wang, S= Moore)* -***Approved.***
7. GMS 6040 Aerospace Medical Operations and Medical Autonomy *(P= Wang, S= Moore)* -***Approved.***
8. GMS 6050 Research Methods, Biostatistics, and Epidemiology for Aerospace Medicine *(P= Leisher, S= Hill)* -***Approved.***
9. GMS 6051 Applied Biostatistics for Aerospace and Operational Medicine *(P= Leisher, S= Hill)* -***Approved.***
10. GMS 6060 Aerospace Environmental and Occupational Health *(P= Leisher, S= Hill)* -***Approved.***
11. GMS 6100 Commercial Human Spaceflight Medicine *(P= Leisher, S= Hill)* -***Approved.***
12. GMS 6110 Advanced Human Performance and Countermeasures *(P= Leisher, S= Hill)* -***Approved.***
13. GMS 6120 Aerospace Mishap Investigation and Medical Risk Management *(P= Leisher, S= Hill)* -***Approved.***
14. GMS 6140 Aerospace Medicine Policy, Ethics, and Regulation *(P= Leisher, S= Hill)* -***Approved.***
15. GMS 6150 Extreme Environment and Analog Medicine *(P= Leisher, S= Hill)* -***Approved.***
16. GMS 6200 Aerospace Health Systems Administration, Policy, and Quality *(P= Hill, S= Leisher)* -***Approved.***
17. GMS 6210 Preventive Medicine and Population Health in Aerospace Operations *(P= Hill, S= Leisher)* -***Approved.***
18. GMS 6905 Graduate Capstone in Aerospace Medicine *(P= Hill, S= Leisher)* -***Approved.***
19. GMS 6918 Directed Research in Aerospace Medicine *(P= Hill, S= Leisher)* -***Approved.***
20. GMS 6946 Internship / Practicum in Aerospace Medicine *(P= Hill, S= Leisher)* -

Approved.

College of Medicine program addition

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

College of Medicine course additions

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