



To: Members of the 2023-2024 Graduate Council

From: Angela Slitt, Chair
Brenton Deboef, Dean
Colleen Mouw, Associate Dean

Date: November 6, 2023

RE: Agenda for Meeting Number 556 of the Graduate Council to be held on Monday, November 6, 2023 at 2:00 p.m. via Zoom

I. Call to order

II. Approval of Minutes - Meeting No. 556, October 2, 2023

III. Announcements

- A. Upcoming College Program Directors Meetings (*Brenton*)
- B. Graduate Program Learning and Success Report (formerly known as program assessment) (*Corinne*)
- C. Professional Development (*Mitnick*)
- D. Diversity Updates (*Mouw/Mitnick*)
- E. Recent appointments to the Graduate Faculty (*Mouw*)
David A Weisberger, Research Associate, CELS
Vicente Diaz, Outside Scholar, CELS
Johanna Harvey, Adjunct, CELS
Amy Broemmel, Tenure-Track/Associate Dean, COEDU
Christine Eisenhower, Clinical Associate Professor, COP
Susan M Schembre, Outside Scholar, CHS
Keith B Maddox, Outside Scholar, CHS
Angela N. Google, Assistant Professor, CELS
Meghana Parikh, Outside Scholar, CELS

IV. New Business

- A. EGRA Reviews due Friday, November 17, 2023
- B. Revision to the Graduate School Manual, section 11.24
- C. Revision to the Graduate Manual, section 9.11

V. Graduate Curriculum (Kuali Agenda) (Mouw)

COURSE CHANGES

COLLEGE OF HEALTH SCIENCE

HDF 511 | Child and Adolescent Development

Create online version of existing course, change in title/description

(3 crs.) In this graduate-level course, students will learn about the biopsychosocial development of children and adolescents, the contexts in which they develop (homes, schools, neighborhoods), and the implications for intervention and prevention science. (Accelerated Online Program)

HDF 513 | Promotion of Healthy Adulthood and Aging

Create online version of existing course, change in title/description

(3 crs.) This graduate-level course is designed to cover: (a) the relationship between biopsychosocial factors and healthy aging, and (b) risk, resilience, and protective factors for physical and mental health in adulthood and later life. (Accelerated Online Program)

HDF 533 | Family Policy for Problem Prevention

Create online version of existing course, change in title/description

(3 crs.) In this graduate-level course, students will examine the political, socio-economic and cultural forces influencing development and implementation of national and local policies that impact families in the United States. (Accelerated Online Program)

HDF 536 | Family Health and Prevention Across the Lifespan

Create online version of existing course, change in title/description

(3 crs.) Students will learn to improve the health and well-being of individuals and families through evidence-based approaches to prevention and intervention. Fundamental concepts include the biopsychosocial model, health disparities and risk/resilience factors in families and across the lifespan. (Accelerated Online Program)

NEW COURSES

COLLEGE OF ARTS AND SCIENCES

MTH 910 | Seminar for graduate teaching assistants in mathematics

(1 cr.) Preparing students for their role as teaching assistants, including classroom management skills, understanding cultural differences. (Seminar) Must be taken for a total of 2 credits. Pre: graduate teaching assistant. S/U only.

SCM 540 | Producing with Purpose: The Interview

(3 crs.) Students will evaluate, analyze and create connections between media and digital literacy strategies and inclusive science communication practices through role play, interview production, and the practice of listening and engagement. (Lec. 3)

WRT 501 | Ethical Foundations of User Experience (UX)

(3 crs.) Explores the ethics of designing experiences for users. Students gain an understanding of the opportunities and challenges of UX design and develop strategies to create human-centered, ethically sound

designs. (Accelerated Online Program) Pre: Course is restricted to students enrolled in the URI Online Graduate User Experience Design Certificate Program.

WRT 502 | User Experience (UX) Research and Methods

(3 crs.) Research, methods, and data analysis for user experience projects. Students will design, conduct, and report their own UX studies, as well as communicate results to various stakeholders. (Accelerated Online Program) Pre: Course is restricted to students enrolled in the URI Online Graduate User Experience Design Certificate Program.

WRT 503 | User Experience (UX) and Microcopy Writing

(3 crs.) The course is designed to provide students with a comprehensive understanding of the role and impact of effective writing in user-centered design. Through a combination of theoretical concepts and practical applications, students will develop the skills necessary to create clear, concise, and engaging microcopy for digital interfaces and interactions. (Accelerated Online Program) Pre: Course is restricted to students enrolled in the URI Online Graduate User Experience Design Certificate Program.

WRT 504 | Interaction Design

(3 crs.) Students develop original concepts and create interactive designs using current, industry-standard processes and technologies. Strong focus on designing for real people using applied, hands-on projects. (Accelerated Online Program) Pre: Course is restricted to students enrolled in the URI Online Graduate User Experience Design Certificate Program.

COLLEGE OF ENGINEERING

NUE 474 | Space Nuclear Propulsion and Power

(3 crs.) Design and analysis of nuclear propulsion systems for space and terrestrial nuclear engines and power reactors for Moon and Mars missions. (Lec. 3) Pre: MTH 244 or permission of instructor.

COLLEGE OF PHARMACY

BPS 506 | Chemistry, Manufacturing and Controls for Biopharmaceuticals

(3crs.) This course focuses on the chemistry, manufacturing, and controls (CMC) for the development of biopharmaceutical products. CMC is a major part of the Biologics License Application (BLA) ensuring the drug is safe and effective over its lifecycle.

BPS 510 | Pharmaceutical Regulatory Compliance and Product Quality

(3 crs.) This course focuses on the key concepts associated with regulatory compliance, quality assurance and overall drug product quality for biopharmaceuticals particularly in relation to product development. (Online) Pre: Graduate standing in the College of Pharmacy or by permission of instructor.

BPS 512 | Biologics and Biosimilars

(3 crs.) A comprehensive overview of biologics and biosimilars from discovery to FDA approval including target identification, manufacturing, quality control, regulatory approval, and delivery and pharmacoeconomic considerations. (Online) Pre: BPS 502, graduate standing in the College of Pharmacy, or by permission of instructor.

BPS 520 | Cannabinoid Pharmacology

(3 crs.) Investigates the endocannabinoid system and the use of cannabinoids to modulate biological processes. Explores delivery modes, bioavailability, mechanism of action, and therapeutic potential of the major cannabinoids. (Online)

BPS 522 | Cannabis Extraction Processes and Laboratory Testing

(3 crs.) Explores relevant extraction processes of the Cannabis plant to ultimately isolate metabolites (cannabinoids and terpenes). Examines laboratory testing procedures and workflows for composition analysis, contaminant analysis, and quantification. (Online)

BPS 523 | Formulation and Manufacturing of Cannabis Products

(3 crs.) Guides students through the process of developing safe and functional cannabis products. Explores formulation development and good manufacturing practices (GMPs) to produce safe and reliable products. (Online)

BPS 524 | Analytical and Bioanalytical Techniques in Cannabis Science

(3 crs.) Examine innovative techniques for cannabis product and biological matrix analysis for cannabinoids and their metabolites. Instrument operation and the use of mass spectrometry in pharmacokinetic analysis will be explored. (Online)

VI. Graduate New Program & Tracks (Kuali Agenda) (DeBoef)

PROGRAMS CHANGES

COLLEGE OF ENVIRONMENTAL & LIFE SCIENCES:

Environmental and Natural Resource Economics - PhD

Removing GRE requirement

Removing the GRE requirement for admission: Taking the GRE can be an impediment for some potential applicants to apply, given its cost and locations where the exam is held -- these problems can be especially acute for international students. Removing the GRE requirement will allow more applicants to apply to our program. We aim for this change to be implemented in the 2023-24 admissions cycle.

Environmental and Natural Resource Economics - MS

Removing GRE req. and adding alt. course

(1) Removing the GRE requirement for admission: Taking the GRE can be an impediment for some potential applicants to apply, given its cost and locations where the exam is held -- these problems can be especially acute for international students. Removing the GRE requirement will allow more applicants to apply to our program. We aim for this change will be effective for the 2023-24 admission cycle (for students who would enroll Fall 2024).

(2) Adding alternative course to for EEC 502: EEC 502 is a required (core) course. Because it is offered every other year, for some students, especially the ABM students, taking this course in a timely manner can be nearly impossible. We are adding WRT533 (Seminar in Graduate Writing in Life Sciences) and BES521 (Rhetorical Field Methods for Science Communication) as alternative courses in place of EEC 502 on its off-year. We aim for this change will be effective immediately for students who enrolled Fall 2023.

COLLEGE OF HEALTH SCIENCE

Doctor of Physical Therapy (DPT)

Change in description and program length

The program description has been updated to (1) reflect current practice, and (2) describe a shorter program start to finish time for students. We propose to reduce the length of time from start to finish of the DPT program. The DPT program is currently on a 3 years/9 semesters schedule. We propose to change the time it takes for students to complete the program from 3 years (9 semesters) to 2.5 years (8 semesters). This change will be accomplished through the following mechanisms:

(1) We will add a “Term B” to the summer session of year 2 and move the only course in summer of year 3 (2 credits) to summer of year 2.

(2) We will align the full-time clinical experiences with the Commission on Accreditation in Physical Therapy Education (CAPTE) requirements. Although CAPTE requires 30 weeks of full-time clinical experiences, our DPT program currently offers 36 weeks of full-time clinical experiences. Because 36 weeks is not a requirement of CAPTE or the URI DPT program, we can reduce the number of clinical internship weeks without submitting a course change for the clinical experiences. This change will reduce the overall time to complete the program by 6 weeks.

(3) Students will begin their full-time clinical internships in May rather than August of their final year. They will complete 3, 10-week rotations with a 1-week break between each rotation. This change will reduce the overall time to complete the program by approximately 14 weeks.

(4) The above changes can be accomplished via by re-aligning the program curriculum to allow students to complete 110 credits and all associated requirements within 2.5 years (8 semesters). This program modification can occur without making changes to existing courses or program requirements. It should also be noted that students will continue to have breaks between semesters that are consistent with the URI academic calendar.

NEW PROGRAMS

COLLEGE OF ARTS AND SCIENCES

User Experience (UX) Design Graduate Certificate

The User Experience (UX) Design Graduate Certificate prepares students to embark on meaningful careers in the dynamic field of UX. Students learn the methodologies, technologies, and tools at the forefront of UX design. Graduates are equipped to make a positive impact on society by designing experiences that prioritize inclusivity, social justice, sustainability, and user well-being.

COLLEGE OF HEALTH SCIENCE

Prevention Science Graduate Certificate

The graduate certificate in Prevention Science is a fully online, stackable professional program that will prepare students for a range of human services and health-related positions across a variety of sectors, particularly those in unlicensed fields who are looking to advance within their careers. The program integrates core skills across key areas related to lifespan development, health promotion, and disease prevention such as program development and evaluation, applied health research methods, social justice and health equity, and community engagement and advocacy.

COLLEGE OF PHARMACY

Graduate Cannabis Sciences Certificate

The graduate certificate in cannabis sciences is designed to provide students with the knowledge and skills required for the research and development of safe, reliable, and functional cannabis products. Investigate research questions and solve operational challenges in cannabis pharmacology, pharmaceuticals and manufacturing, and analytical/bioanalytical method development and validation.

Pharmaceutical Development Certificate

The Certificate in Pharmaceutical Development will train students to design and articulate the product life cycle of a candidate drug molecule from initial identification through commercial launch, describe the regulations governing this development as well as the roles and responsibilities of each operational group, and relate the idea of a whole team approach to the success of a product launch.

VII. Adjournment