

To: Members of the 2022-2023 Graduate Council

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

Date: November 7, 2022

RE: Agenda for Meeting Number 550 of the Graduate Council to be held on Monday, November 7, 2022 at 2:00 p.m. via Zoom

I. Call to order

II. Approval of Minutes - Meeting No. 549, October 11, 2022

III. Announcements

A. Program Directors Meeting & Professional Programs Meeting Recap (*DeBoef*)

1. Program Directors Handbook (*Kulesh*)

B. EGRA Review Process (*Mitnick & Mouw*)

C. Graduate housing update (*DeBoef*)

D. Strategic planning update (*DeBoef*)

E. Recent appointments to the Graduate Faculty (*Mouw*)

Laura Hamman-Ortiz, Assistant Professor, CEPS

Mariusz Furmanek, Assistant Professor, CHS

Fenix Garcia Tigreros, Assistant Professor, GSO

David Lagomasino, Outside Scholar, GSO

Alan Davis, Adjunct, COE

IV. New Graduate Programs & Notice of Change

Notice of Change

Nursing PhD (*proposal through Kualii*) - Change in credit requirements

Ph.D. in Computer and Statistical Sciences (new track in statistics) - The new version of the program will have two tracks. The track in Computer Science will have only minor modifications compared to the current program and the track in Statistics will be completely new. The idea behind this proposal is to allow Statistics to have doctoral students, and to foster the collaboration between the two sections of the Department.

Ph.D. Mathematics – Add track Mathematical Statistics and Probability - The proposed track, mathematical statistics and probability, does not fit into either current track as it is a unique combination of pure and applied mathematics. The new track reflects on the recently growing area of applications and theoretical development at the intersection of probability theory and statistics. This unique blend between pure and applied mathematics, probability theory/applications and mathematical statistics, makes this combination uniquely deserving a track in the Ph.D. program.

PHP Pharmaceutics & Pharmacokinetics MS (*proposal through Kualiti*) - The current language for the pharmaceutics and pharmacokinetics specialization did not specify enough didactic courses to ensure the students were met programmatic goals. Description change and course changes

PHP Pharmaceutics & Pharmacokinetics PhD (*proposal through Kualiti*) - The current language for the pharmaceutics and pharmacokinetics specialization for the Doctor of Philosophy did not specify enough didactic courses to ensure the students were met programmatic goals, specifically for pharmaceutics coursework.

Textiles, Fashion Merchandising and Design MS (*proposal through Kualiti*) - The TMD Department will require a Written Master's Examination ("comprehensive examination") for graduate students taking the non-thesis option in the TMD program as part of the process toward completion of their degree. Description and credit change.

New Program Proposals

Social Media Certificate (*proposal through Kualiti*) - The Social Media Certificate Program offers students evidence-based social media strategies and practical social media skills to maximize business growth and enhance positive relationships with various stakeholders. By completing the program, students will be able to analyze social media data and utilize social media to meet various business goals and objectives, such as marketing, advertising, public relations, and communication.

V. Graduate Curriculum (*Proposals through Kualiti*)

500-Level Course Changes

COLLEGE OF ENGINEERING

(TABLE) CVE 560 Applied Finite Element Analysis

(3 crs.) Direct stiffness method. Rayleigh-Ritz and Galerkin methods. Isoparametric elements. Frames, trusses, plane stress and strain. Bending of thin plates. Solve real-world engineering problems using Abaqus and LS-Dyna. (Lec. 3) Pre: MCE 372, CVE 453, or permission of instructor.

Change in title and prerequisite

(TABLE) MCE 568 Theory of Plates

(3 crs.) Cross-listed as (MCE), CVE 568. Development of basic plate equations. Classical solution examples of rectangular and circular plates. Additional topics selected from orthotropic plates, large deflections, finite element, and numerical solutions. (Lec. 3) Pre: CVE 220 and MTH 244 or 362, or permission of instructor.

Change in prerequisite

COLLEGE OF HEALTH SCIENCE

CMD 594 Counseling in Communicative Disorders

(2 crs.) Considerations in counseling in speech-language pathology. Multiple factors influencing communication between client/family and professionals. Study of ethical and professional issues that aligns with ASHA standards. (Lec. 1) Pre: graduate standing or permission of instructor. In alternate years.

Increase if credits and description edits.

NFS 591**Research Problems**

(1-4 crs.) Advanced work under supervision of a staff member. Arranged to suit individual requirements of students. (Independent Study) Pre: permission of chairperson. May be repeated for up to 6 credits.

Offering course in the accelerated online calendar

COLLEGE OF PHARMACY**PHP 504****Health Care Systems**

LEC: (3 crs.) Analysis of the U.S. health care system, including care delivery, and economic, finance, payment and policy perspectives, with emphasis on medication use (Lec.3) Pre: Open to pharmacy graduate students, and graduate students from other programs with permission of the instructor.

Change in title, credits, and description

500-Level New Course Proposals**COLLEGE OF ENGINEERING****MCE 569****Extreme Mechanics**

Explores the shockwave mechanics from high-energy sources such as explosives in air and underwater, as well as the fluid-structure interaction during shock events. Topics covered include shockwave propagation in air, water, and elastic solids, as well as structural deformation and modeling.

COLLEGE OF BUSINESS**(TABLE) LHR 532****Seminar in Labor and Employment Law**

Advanced seminar to review and evaluate current issues and changing trends in selected aspects of labor and employment law. May be repeated for credit with different topic, for maximum of 6 credits. (Seminar) Pre: graduate standing or permission of Labor Research Center director.

(TABLE) LHR 546**Negotiation and Alternative Dispute Resolution**

Examination of the interpersonal dynamics of negotiations and conflict resolution processes, including interest-based or collaborative bargaining in a variety of contexts; e.g. labor relations, community, environmental, divorce, racial, commercial. (Lec. 3) Pre: graduate standing or permission of Labor Research Center Director.

600-Level New Course Proposals**COLLEGE OF ARTS & SCIENCES****SCM 610****Social Media for Strategic Communication**

This course introduces social media concepts and skills for strategic communication. Students will learn social media communication strategies to meet various organizational/business goals.

SCM 611**Social Media Branding**

Social media platforms play an essential role in how organizations communicate with their audiences. This course will introduce strategies for developing an effective social media branding campaign. You will learn how to set measurable campaign goals and use storytelling techniques to create diverse and accessible content for appropriate social media Campaigns.

SCM 612**Modes of Creative Content Creation**

Offers an introduction to modern content creation, with specific focus on best practices for social media applications. Students will engage in crafting creative briefs, pre-production, production and post production.

SCM 613 Social Media Analytics and Listening

This course introduces students to social media listening tools. Students will learn how to analyze public opinions, companies' images, online groups, and influencers.

VI. New Business

- A. Revisions to the Graduate Manual, Section 7.57.1.2
- B. Revisions to the Graduate Manual, Section 7.58.1
- C. Revisions to the Graduate Manual, Section 8.41
- D. Revisions to the Graduate Manual, Appendix I, Section 1.0
- E. Discussion: Implications of expanding ABD and reducing credit requirements for PhD programs

VII. Adjournment