



College of Engineering
UNIVERSITY OF WISCONSIN-MADISON

ACADEMIC PLANNING COUNCIL MINUTES

Monday, March 7, 2022

2:00 PM – 3:30 PM

ROOM 3609 EH

attending: O. Alagoz; W. Block; R. Bonazza; E. Borbely; C. Castro; L. DeBaillie; S. Hagen; G. Harrington; J. Kawasaki (for S. Babcock); D. Lynn; M. Malkin; D. Noyce; X. Qian; I. Robertson; M. Romero

absent: D. Henderson; D. Ludois; O. Schmitz; C. Walters; A. Whitehorse

guest: A. Strzelec; D. Harrison; H. Smith

Announcements/Approval of February Meeting Minutes

February meeting minutes approved unanimously

Engineering Mechanics and Nuclear Engineering Graduate Program 10-year Review

The program review committee found the graduate programs in the Dept. of Engineering Physics to be academically rigorous and viewed highly nationally and internationally. The committee also commented on the collegiality of the department.

Suggestions for improvement included:

- re-evaluate the qualifying exam process
- consider re-naming/re-branding of the Engineering Mechanics program to allow for better recognition by students and help with recruitment
- improve the Graduate Student Handbook to provide clarification of requirements
- offer more 700+ level courses
- improve recruitment and support for under-represented students

Motion to recommend acceptance of the program review committee report for the Engineering Mechanics and Nuclear Engineering graduate programs passed unanimously

Changes to curricular requirements for the M.Engr Polymer Engineering named option

Motion to recommend approval of the proposed curricular changes to the Polymer Engineering named-option passed unanimously

Proposed Capstone Certificate in Applied Engineering Management

Motion to recommend approval of the proposed Capstone Certificate in Applied Engineering Management passed unanimously

College of Engineering

Office of the Dean 2610 Engineering Hall 1415 Engineering Drive Madison, WI 53706

Proposed M.S. in Engineering Management

The existing MEng: Engineering Management option will be discontinued as current students complete that degree.

Motion to recommend approval of the proposed MS degree in Engineering Management passed unanimously

Information gathering for determining scope of CoE Task Force on Data Engineering

With the increased interest and need for data analytics/ data science/ data engineering, CoE departments, specifically ECE and ISyE, are tasked with developing curricula and/or a degree program around these topics. There is discussion around what this area of study should be called: data science, data engineering, other.

Need to identify what students need to know; all students should have some exposure to these topics. Suggestion to review what peer institutions are doing in this area.

NEXT MEETING:

Wednesday, April 20, 2022

1:30-3:30 PM

3609 Engineering Hall