

**REGULAR MEETING OF THE UNIVERSITY FACULTY
SENATE**

February 8, 2010 – 104 Gore Hall

January 28, 2010

TO: Senators and Executives

FROM: Charles E. Mason, Vice President
University Faculty Senate

SUBJECT: Regular Faculty Senate Meeting February 8, 2010

In accordance with Section IV, paragraph 6 of the Constitution, the regular meeting of the University Faculty Senate will be held on Monday, February 8, 2010 at 4:00 p.m. in 104 Gore Hall.

I certify that hard copies of the approval page for each undergraduate and graduate studies academic item on the agenda are filed in the Faculty Senate Office with the appropriate

signatures of approval up through the Chair of the Faculty Senate Coordinating Committee on Education. The Agenda will be as follows:

AGENDA

- I. **Adoption of the Agenda**

- II. **Approval of the Minutes:** [December 7, 2010](#)

- III. **Remarks:** Provost Tom Apple

- IV. **Announcements:** Senate President Cihan Cobanoglu

- V. **Consent Agenda**

1. **Announcements for Challenge:**

- Undergraduate Studies**

- a. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for a curriculum revisions to the BS in Health Studies ([attachment](#)) ([attachment](#))

- b. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Gerontology concentration Applied Nutrition (currently option for nutrition majors) ([attachment](#))

- c. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Health & Exercise concentration Applied Nutrition (currently option for nutrition majors) ([attachment](#))

- d. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Pediatric concentration Applied Nutrition (currently option for nutrition majors) ([attachment](#))

- e. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Weight Management concentration Applied Nutrition (currently option for nutrition majors) ([attachment](#))

- f. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Gerontology concentration Dietetics (currently option for nutrition majors) ([attachment](#))

- g. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating

Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Health & Exercise Concentration Dietetics (currently option for nutrition majors) ([attachment](#))

- h. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Pediatrics concentration Dietetics (currently option for nutrition majors) ([attachment](#))
- i. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Weight management concentration Dietetics (currently option for nutrition majors) ([attachment](#))
- j. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Gerontology concentration Nutritional Sciences (currently option for nutrition majors) ([attachment](#))
- k. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Health & Exercise concentration Nutritional Sciences (currently option for nutrition majors) ([attachment](#))
- l. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Pediatric concentration Nutritional Sciences (currently option for nutrition majors) ([attachment](#))

- m. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete Weight management concentration Nutritional Sciences (currently option for nutrition majors) ([attachment](#))

- n. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to delete minor Figure Skating Coaching (phase out over 3 years) ([attachment](#))

- o. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Medical Scholar Concentration within Exercise Science major ([attachment](#))

- p. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add Minor in Public Health ([attachment](#)) ([attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([support letter attachment](#)) ([Dean's support commitment email](#))

- q. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise the Minor in Strength and Conditioning ([attachment](#))

- r. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating

Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Mechanical Engineering Degree- Concentration in Aerospace Engineering ([attachment](#))

- s. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Major requirements for Bachelor of Civil Engineering (BCE) ([attachment](#))

- t. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise the major in Medical Technology ([attachment](#))

- u. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise the major in Applied Nutrition ([attachment](#))

- v. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise the major in Dietetics ([attachment](#))

- w. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise requirements for Natural Resource Management Major ([attachment](#))

- x. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add an Honors BS degree in Psychology ([attachment](#))

- y. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Honors BA degree in Psychology ([attachment](#))

- z. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Honors BA degree in Psychology Education ([attachment](#))

- aa. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add an Honors BA degree in Chemistry ([attachment](#))

- bb. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add an Honors BS degree in Mathematics Education ([attachment](#))

- cc. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add an Honors BS degree in Quantitative Biology within the department of Mathematics ([attachment](#))

- dd. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Professional Writing concentration in the English major ([attachment](#))

- ee. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add a new minor in Political Communication ([attachment](#)) ([support letter](#))

- ff. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Political Science Education Major ([attachment](#))

- gg. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise International Relations Major Concentrations in Development, Diplomacy and World Order, International Political Economy, and U.S. Foreign Policy ([attachment](#))

- hh. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Honors International Relations Major Concentrations in Development, Diplomacy and World Order, International Political Economy, and U.S. Foreign Policy ([attachment](#))

- ii. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating

Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Honors Political Science Major Concentrations in Political Science and Political Science Education ([attachment](#))

- jj. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Beth Morling, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise Political Science Major Concentrations in American politics, Global Studies, Public Law, and Public Policy and Administration ([attachment](#))

Graduate Studies

- kk. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise major requirements to the PhD English Program - Language Skills ([attachment](#))

- ll. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise program requirements: MA in English – Comprehensive Exam ([attachment](#))

- mm. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to revise course requirements for Marine Studies MS and PhD ([attachment](#)) ([attachment](#)) ([attachment](#))

- nn. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on

Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add a concentration to the MS in Clinical Exercise Physiology ([attachment](#))

VI. Regular Agenda

1. Resolutions:

- a. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request to add a new Graduate degree PSM in Biotechnology ([attachment](#)) ([attachment](#)) ([attachment](#))

WHEREAS, the proposed Professional Science Master's (PSM) in Biotechnology is an interdisciplinary graduate course of study covering the scientific underpinnings of the biotechnology revolution, the management of the interdisciplinary teams necessary to bring biotechnology advances to the marketplace and the ethical/regulatory issues pertinent to these technological advancements and

WHEREAS, there has been much interest over several years from individuals with diverse backgrounds and interest in pursuing advanced graduate studies in biotechnology relevant to the business environment, and

WHEREAS, the experience of the Department of Biological Sciences with graduate level training in the life sciences in collaboration with Departments ranging over all seven Colleges of the University of Delaware provide existing courses and a foundation for the program, and

WHEREAS, the proposed program contributes to three milestones on the University's "path to prominence": to become a premier research and graduate university; to achieve excellence in professional education; and the engaged university, be it therefore

RESOLVED, that the Faculty Senate recommends approval provisionally, for five years, the establishment of a new major leading to the Professional Science Master's in Biotechnology, effective June 1, 2010.

- b. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan Cobanoglu, Chair) for the request for Permanent Status of the Ph.D. in Entomology and Wildlife Ecology ([attachment](#)) ([attachment](#)) ([attachment](#)) ([attachment](#))

WHEREAS, the Doctor of Philosophy in Entomology and Wildlife Ecology was given provisional approval by the Faculty Senate effective September 1, 1999, and

WHEREAS, the Ph.D. is the standard degree in the field of Entomology and Wildlife Ecology, required for access to most professional jobs, and

WHEREAS, this program received an extensive permanent status program review whereupon it was recommended that the Ph.D. in Entomology and Wildlife Ecology be granted permanent status, and

WHEREAS, this program received the full support of the Dean of the College of Agriculture and Natural Resources, be it therefore

RESOLVED, that the Faculty Senate recommends permanent approval of the Doctor of Philosophy in Entomology and Wildlife Ecology in the College of Agriculture and Natural Resources.

- c. Recommendation from the Faculty Senate Committee on Graduate Studies (Robert Opila, Chair) with the concurrence of the Coordinating Committee on Education (John Madsen, Chair) and the Executive Committee (Cihan

Cobanoglu, Chair) for the request to create a new MS degree program in Software Engineering ([attachment](#)) ([attachment](#)) ([attachment](#)) ([attachment](#)) ([resolution doc.](#))

WHEREAS, Software Engineering is the application of principles of computer science, engineering and mathematical analysis to the design, development, testing and evaluation of software and systems, and

WHEREAS, the Department of Computer Science has offered a successful program for the Master of Science in Computer Science providing students basic graduate level knowledge in this profession, and

WHEREAS, the Department of Electrical and Computer Engineering has offered a successful program for the Master of Science in Electrical and Computer Engineering providing students basic graduate level knowledge in this profession, and

WHEREAS, there is substantial demand for graduate level software engineering expertise among local industries and from the US Army facility at Aberdeen, and

WHEREAS, a Master of Science in Software Engineering will provide students with formal and applied expertise in planning, designing and managing large software projects, be it therefore

RESOLVED, that the Faculty Senate recommends that a new degree program be established, provisionally for five years, that will award a Master of Science in Software Engineering.

2. **Unfinished Business:** None

3. **New Business:** None

VIII. Introduction of New Business

Such items as may come before the Senate. (No motion introduced under new business, except a motion to refer to committee, shall be acted upon until the next meeting of the Senate.)

/khs