SPECIAL REPORT
OF THE
GRADUATE COUNCIL
concerning
REVISION TO A DEGREE PROGRAM:
BIOMEDICAL ENGINEERING
(#5165)

Presented at the
778th Regular Meeting of the Faculty Senate
April 26, 2018

COUNCIL MEMBERSHIP

The Graduate Council recommends approval of this proposal.

Briefly describe the Proposal

The proposal is the change the master's degree in Biomedical Engineering from an academic "MS" degree to a professional "MSBME" degree. The College of Engineering offers such professional master's degrees for all its other programs. The assignment of an MS degree for Biomedical Engineering was due to an error in the degree proposal that was processed last year.

Note that the Course and Curriculum Management System lists the degree as MSBME already. However, the Board of Higher Education has approved an MS degree. Thus, we need to request a formal change.

Since the Department of Biomedical Engineering was just founded and is still in its initial startup phase, there are currently no students in this program and none are expected to be admitted in AY 2018-19. However, we need to make this change quickly to ensure that the Graduate School Bulletin can be updated in time for the AY 2019-20 students.
This proposal only changes the type of degree. The degree requirements remain unchanged.

*Please describe the existing program requirements, listing all required courses and available electives, as well as any additional requirements, and continuation or admissions policies.*

The master's degree requires 30 credits of coursework. In the first year, students take four core courses, which include a lab rotation, plus two elective courses. The electives are suggested, but not required, to be aligned with three “tracks”: Biomechanics and Medical Devices, Molecular Therapeutics, and Sensors and Bioinstrumentation. The second year completes the M.S. with BME electives. If the student wishes to do a thesis, then 3 elective courses (9 credits) can be replaced by an M.S. thesis.

*Please describe the requirements that you are proposing, listing course requirements, elective options, as well as any additional requirements, and continuation or admissions policies.*

No changes to requirements.

*Please provide the rationale for these revisions.*

The proposal changes the degree type to align with the types of degree offered by the College of Engineering.

**Resources**

*If this proposal requires no additional resources, say so and briefly explain why. If this proposal requires additional resources, explain how they will be paid for. For proposals involving instruction, indicate how many new enrollments are expected and whether the courses have room to accommodate them.*

No resources needed due to change in degree type.

**MOTION:** That the Faculty Senate approve the Revision to a Degree Program: Biomedical Engineering, as presented in Sen. Doc. No. 18-076.