



Proposal to the Senate Educational Policy Committee

*Please replace all text in italic with appropriate information before submitting your proposal.
Your entries should be in regular (not italic) font.*

PROPOSAL TITLE:

Termination of the Master of Engineering with a major in Bioinstrumentation in the Department of Bioengineering, College of Engineering

SPONSOR:

Rashid Bashir, Grainger Distinguished Chair in Engineering and Head of the Department of Bioengineering, 217-333-1867, rbashir@illinois.edu

COLLEGE CONTACT:

Harry Dankowicz, Associate Dean of Graduate, Professional and Online Programs, College of Engineering, 217-244-1231, danko@illinois.edu

BRIEF DESCRIPTION:

The Department of Bioengineering seeks to terminate the Master of Engineering with a major of Bioinstrumentation degree program, both online (1PKS5398MENU) and on-campus (1PKS5398MENG) programs effective Fall 2017. The last group of students in this program code will graduate in August 2017.

JUSTIFICATION:

The Department of Bioengineering recently received approval for a Master of Engineering in Bioengineering, with three transcriptable concentrations - bioinstrumentation, computational genomics, and general bioengineering. Under this new program, we moved the major in bioinstrumentation to a concentration, which means we no longer need a separate degree program with a major in bioinstrumentation.

Students currently enrolled in the Master of Engineering in Bioinstrumentation program are expected to graduate by August 2017. No new students are being admitted to this degree program effective spring 2017 term, allowing us to terminate the program effective Fall 2017.

BUDGETARY AND STAFF IMPLICATIONS: *(Please respond to each of the following questions.)*

1) Resources

- a. How does the unit intend to financially support this proposal? NA
- b. How will the unit create capacity or surplus to appropriately resource this program? If applicable, what functions or programs will the unit no longer support to create capacity? NA
- c. Will the unit need to seek campus or other external resources? If so, please provide a summary of the sources and an indication of the approved support. NA
- d. Please provide a letter of acknowledgment from the college that outlines the financial arrangements for the proposed program. NA

2) Resource Implications

- a. Please address the impact on faculty resources including the changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. NA
- b. Please address the impact on course enrollment in other units and provide an explanation of discussions with representatives of those units. *(A letter of acknowledgement from units impacted should be included.)* NA
- c. Please address the impact on the University Library *(A letter of estimated impact from the University Librarian must be included for all new program proposals. If the impact is above and beyond normal library business practices, describe provisions for how this will be resourced.)* NA
- d. Please address the impact on technology and space (e.g. computer use, laboratory use, equipment, etc.) NA

For new degree programs only:

- 3) Briefly describe how this program will support the University's mission, focus, and/or current priorities. Include specific objectives and measurable outcomes that demonstrate the program's consistency with and centrality to that mission. NA
- 4) Please provide an analysis of the market demand for this degree program. What market indicators are driving this proposal? What type of employment outlook should these graduates expect? What resources will be provided to assist students with job placement? NA
- 5) If this is a proposed graduate program, please discuss the programs intended use of waivers. If the program is dependent on waivers, how will the unit compensate for lost tuition revenue? NA

DESIRED EFFECTIVE DATE: Fall 2017

CLEARANCES: (Clearances should include signatures and dates of approval. **These signatures must appear on a separate sheet.** If multiple departments or colleges are sponsoring the proposal, please add the appropriate signature lines below.)

Signatures:

Unit Representative:

Date:

1/27/17

College Representative:

Date:

Graduate College Representative:

Date:

2/20/17

Council on Teacher Education Representative:

Date:

STATEMENT FOR PROGRAMS OF STUDY CATALOG:

Please remove the M.Eng. in Bioinstrumentation POS from the catalog effective for the 2017-2018 academic year.

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

EP.17.68

Office of the Provost and Vice Chancellor for Academic
Affairs

Swanlund Administration Building
601 East John Street
Champaign, IL 61820



February 21, 2017

Bettina Francis, Chair
Senate Committee on Educational Policy
Office of the Senate
228 English Building, MC-461

Dear Professor Francis:

Enclosed is a copy of a proposal from the College of Engineering to eliminate the Master of Engineering with a major in Bioinstrumentation.

Sincerely,

Kathryn A. Martensen
Assistant Provost

Enclosures

c: A. McKinney
H. Dankowicz
R. McElroy
R. Bashir
J. Hart
A. Edwards

From: [McKinney, Allison Ann](#)
To: [Martensen, Kathy](#)
Cc: [Dankowicz, Harry](#); [Bashir, Rashid](#); [Hart, John C](#)
Subject: Proposal from the College of Engineering
Date: Tuesday, February 21, 2017 11:59:24 AM
Attachments: [Terminate MENG Bioinstrumentation.pdf](#)

Dear Kathy,

Please see attached for a proposal from the College of Engineering for, "Termination of the Master of Engineering with a major in Bioinstrumentation in the Department of Bioengineering, College of Engineering". The proposal was received on February 3, 2017 and reviewed at the Graduate College Executive Committee meeting on February 16, 2017. The committee approved the proposal without revision.

We find that the proposal meets the standards of Graduate Education at Illinois. We now forward for your review.

Thank you,

Allison McKinney
Director
Academic Affairs
Graduate College

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

College of Engineering

Executive Committee
306 Engineering Hall, MC-266
1308 West Green Street
Urbana, IL 61801



February 3, 2017

Associate Dean John Hart
Graduate College
204 Coble Hall
MC-322

Via: Andreas Cangellaris, Engineering College

Dear Dean Hart:

The College of Engineering Executive Committee has reviewed and approved the following program revision. We now submit for campus approval.

"Termination of the Master of Engineering with a major in Bioinstrumentation in the Department of BioEngineering, College of Engineering"

Attached is a copy of the request.

Sincerely yours,

David Padua, Vice Chair
Executive Committee

Approval Recommended:

Andreas Cangellaris, Dean
College of Engineering

2-3-2017

Date

Harry Dankowicz
Rhonda McElroy
David Padua



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Senate Educational Policy Committee Proposal Check Sheet

PROPOSAL TITLE (Same as on proposal): Termination of the Master of Engineering with a major in Bioinstrumentation in the Department of Bioengineering, College of Engineering

PROPOSAL TYPE (select all that apply below):

- A. ☒ Proposal for a NEW or REVISED degree program. Please consult the Programs of Study Catalog for official titles of existing degree programs.

1. Degree program level:

☐ Graduate ☐ Professional ☐ Undergraduate

2. ☐ Proposal for a new **degree** (e.g. B.S., M.A. or Ph.D.):

Degree name, "e.g., *Bachelor of Arts or Master of Science*": _____

3. ☐ Proposal for a new or revised **major, concentration, or minor**:

☐ New or ☐ Revised **Major** in (name of existing or proposed major): _____

☐ New or ☐ Revised **Concentration** in (name of existing or proposed concentration): _____

☐ New or ☐ Revised **Minor** in (name of existing or proposed minor): _____

4. ☐ Proposal to rename an existing major, concentration, or minor:

☐ Major ☐ Concentration ☐ Minor

Current name: _____

Proposed new name: _____

5. ☒ Proposal to terminate an existing degree, major, concentration, or minor:

☒ Degree ☐ Major ☐ Concentration ☐ Minor

Name of existing degree, major, or concentration: M.Eng. in Bioinstrumentation

6. ☐ Proposal involving a multi-institutional degree:

☐ New ☐ Revision ☐ Termination

Name of existing Illinois (UIUC) degree: _____

Name of non-Illinois partnering institution: _____

Location of non-Illinois partnering institution:

☐ State of Illinois ☐ US State: _____ ☐ Foreign country: _____

- B. ☐ Proposal to create a new academic unit (college, school, department, program or other academic unit):

Name of proposed new unit: _____

- C. ☐ Proposal to rename an existing academic unit (college, school, department, or other academic unit):

Current name of unit: _____

Proposed new name of unit: _____

- D. ☐ Proposal to reorganize existing units (colleges, schools, departments, or program):

1. ☐ Proposal to change the status of an existing and approved unit (e.g. change from a program to department)

Name of current unit including status: _____

2. ☐ Proposal to transfer an existing unit:

Current unit's name and home: _____

Proposed new home for the unit: _____

3. ☐ Proposal to merge two or more existing units (e.g., merge department A with department B):

Name and college of unit one to be merged: _____

Name and college of unit two to be merged: _____

Proposed name and college of new (merged) unit: _____

4. ☐ Proposal to terminate an existing unit:

Current unit's name and status: _____

- E. ☐ **Other educational policy proposals** (e.g., academic calendar, grading policies, etc.)

Nature of the proposal: _____

Revised 10/2012