



UNIVERSITY OF
GEORGIA

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University Council

January 5, 2018

UNIVERSITY CURRICULUM COMMITTEE – 2017-2018

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Graduate School – Dr. Amy Medlock
Ex-Officio - Provost Pamela S. Whitten
Undergraduate Student Representative – Mr. Max Harris
Graduate Student Representative – Ms. Johnita Daniel

Dear Colleagues:

The attached proposal from the College of Engineering to terminate the following areas of emphasis under the major in Biological Engineering (B.S.B.E.) will be an agenda item for the January 12, 2018, Full University Curriculum Committee meeting:

Area of Emphasis in Biochemical
Area of Emphasis in Biomedical
Area of Emphasis in Environmental

Sincerely,

Alison F. Alexander, Chair
University Curriculum Committee

cc: Provost Pamela S. Whitten
Dr. Rahul Shrivastav

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

- 1. Institution:** University of Georgia **Date:** November 30, 2017
- 2. School/College:** College of Engineering
- 3. Department/Division:** School of Chemical, Materials, and Biomedical Engineering
- 4. Program:** Area of Emphasis in Biochemical under the major in Intended Biological Engineering (B.S.B.E.)
Area of Emphasis in Biochemical under the major in Biological Engineering (B.S.B.E.)
- 5. Deactivation or Termination:** Termination
Effective Date: Fall 2018
- 6. Last date students will be admitted to this program:** Spring 2017
- 7. Last date students will graduate from this program:** Spring 2023

8. Abstract of the deactivated or terminated program

Provide a brief summary of the deactivated or terminated program that includes an overview and highlights of the response to the criteria in Section II.

The School of Chemical, Materials and Biomedical Engineering in the College of Engineering offers undergraduate degrees in both Biological Engineering and Biochemical Engineering. As a stand-alone degree exists in Biochemical Engineering, the school faculty felt that an area of emphasis in Biochemical Engineering within the Biological Engineering degree was redundant. This sentiment was shared by the Industrial Advisory Board that voted unanimously to support the decision to terminate the Biochemical Engineering area of emphasis.

II. Conditions for Deactivating or Terminating Programs

The deactivation (temporary suspension) or termination (discontinuation) of programs is expected to address satisfactorily the conditions listed below in order to be approved and implemented within the University of Georgia. Please provide sufficient information to confirm each condition.

1. Provide copies of the studies and decisions that warrant deactivation or termination of the program.

The Industrial Advisory Board was presented with this proposal on December 21, 2015, and they unanimously supported the decision of the faculty to remove the emphasis area from the degree program.

2. State the reasons for deactivating or terminating the program.

The Biological Engineering Curriculum Committee feels that this area of emphasis is obsolete as the college has stand-alone B.S. degree programs in Environmental Engineering and Biochemical Engineering which are meeting the needs of the students.

3. State the plans for allowing those students already in a program to complete degree requirements, including specific information on a.) how students will be notified of the program termination and b.) how students will be counseled on completing the program.

Students already following a specific emphasis will continue in that program of study until they have reached completion.

4. What will be done to minimize the impact or termination of the program upon the personal and professional lives of the faculty and staff involved, specifically a.) how will faculty and staff be notified of the termination and b.) how will faculty and staff be re-deployed?

As a stand-alone degree program in Biochemical Engineering exists, there will be no impact on faculty or staff involved in the program. There will be no deletion of courses or changes in instructional responsibilities.

5. What will be done to insure that deactivation or termination of the program does not weaken other programs (graduate, undergraduate, or professional) for which the department may be responsible?

Termination of the area of emphasis in Biochemical Engineering will provide enhanced clarity and focus within the Biochemical Engineering and Biological Engineering degree programs and will strengthen both programs. We anticipate that enrollment in the Biochemical Engineering degree program will see a slight increase and enrollment in the Biological Engineering program will remain unchanged.

6. What plans, if any, is there for subsequent reactivation or reinstatement, respectively, of the deactivated or terminated program?

There are currently no plans for the reinstatement of the area of emphasis in Biochemical Engineering in the Biological Engineering degree program.

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

1. **Institution:** University of Georgia **Date:** November 30, 2017
2. **School/College:** College of Engineering
3. **Department/Division:** School of Chemical, Materials and Biomedical Engineering
4. **Program:** Area of Emphasis in Biomedical under the major in Intended Biological Engineering (B.S.B.E.)
Area of Emphasis in Biomedical under the major in Biological Engineering (B.S.B.E.)
5. **Deactivation or Termination:** Termination
Effective Date: Fall 2018
6. **Last date students will be admitted to this program:** Spring 2017
7. **Last date students will graduate from this program:** Spring 2023
8. **Abstract of the deactivated or terminated program**
Provide a brief summary of the deactivated or terminated program that includes an overview and highlights of the response to the criteria in Section II.

Students in the Biological Engineering program could choose between three areas of emphasis: Biochemical Engineering, Environmental Engineering, and Biomedical Engineering. The school has initiated the process of terminating the areas of emphasis in Biochemical Engineering and Environmental Engineering as the College of Engineering offers stand-alone degree programs in these areas, and the faculty thought that consequently these areas of emphasis were obsolete. The faculty also thought that having one single area of emphasis would cause undue confusion for students as the course options for students both with and without the area of emphasis in Biomedical Engineering are identical. The Industrial Advisory Board voted unanimously to support the decision of the faculty.

II. Conditions for Deactivating or Terminating Programs

The deactivation (temporary suspension) or termination (discontinuation) of programs is expected to address satisfactorily the conditions listed below in order to be approved and implemented within the University of Georgia. Please provide sufficient information to confirm each condition.

1. Provide copies of the studies and decisions that warrant deactivation or termination of the program.

The Industrial Advisory Board was presented with this proposal on December 21, 2015, and they unanimously supported the decision of the faculty to remove the emphasis area from the degree program.

2. State the reasons for deactivating or terminating the program.

The Biological Engineering Curriculum Committee feels that this area of emphasis is obsolete as the college has stand-alone B.S. degree programs in Environmental Engineering and Biochemical Engineering which are meeting the needs of the students.

3. State the plans for allowing those students already in a program to complete degree requirements, including specific information on a.) how students will be notified of the program termination and b.) how students will be counseled on completing the program.

Students already following a specific emphasis will continue in that program of study until they have reached completion.

4. What will be done to minimize the impact or termination of the program upon the personal and professional lives of the faculty and staff involved, specifically a.) how will faculty and staff be notified of the termination and b.) how will faculty and staff be re-deployed?

All courses required by students following the area of emphasis in Biomedical Engineering will continue to be taught, so there will be no negative impact on students. Additionally, no faculty or staff redeployment will be necessary.

5. What will be done to insure that deactivation or termination of the program does not weaken other programs (graduate, undergraduate, or professional) for which the department may be responsible?

Termination of the area of emphasis in Biomedical Engineering will not cause any tangible change to the degree program. We do not anticipate any change in the program enrollment or any impact on our graduate programs.

6. What plans, if any, is there for subsequent reactivation or reinstatement, respectively, of the deactivated or terminated program?

There are currently no plans for the reinstatement of the area of emphasis in Biochemical Engineering in the Biological Engineering degree program.

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

1. **Institution:** University of Georgia **Date:** November 30, 2017
2. **School/College:** College of Engineering
3. **Department/Division:** School of Chemical, Materials and Biomedical Engineering
4. **Program:** Area of Emphasis in Environmental under the major in Intended Biological Engineering (B.S.B.E.)
Area of Emphasis in Environmental under the major in Biological Engineering (B.S.B.E.)
5. **Deactivation or Termination:** Termination
Effective Date: Fall 2018
6. **Last date students will be admitted to this program:** Spring 2017
7. **Last date students will graduate from this program:** Spring 2023
8. **Abstract of the deactivated or terminated program**
Provide a brief summary of the deactivated or terminated program that includes an overview and highlights of the response to the criteria in Section II.

The College of Engineering offers undergraduate degrees in both Biological Engineering and Environmental Engineering. As a stand-alone degree exists in Environmental Engineering, the faculty felt that an area of emphasis in Environmental Engineering within the Biological Engineering degree was redundant and an unnecessary use of university resources. This sentiment was shared by the Industrial Advisory Board that voted unanimously to support the decision to terminate the Environmental Engineering area of emphasis.

II. Conditions for Deactivating or Terminating Programs

The deactivation (temporary suspension) or termination (discontinuation) of programs is expected to address satisfactorily the conditions listed below in order to be approved and implemented within the University of Georgia. Please provide sufficient information to confirm each condition.

1. Provide copies of the studies and decisions that warrant deactivation or termination of the program.

The Industrial Advisory Board was presented with this proposal on December 21, 2015, and they unanimously supported the decision of the faculty to remove the emphasis area from the degree program.

2. State the reasons for deactivating or terminating the program.

The Biological Engineering Curriculum Committee feels that this area of emphasis is obsolete as the college has a stand-alone B.S. degree program in Environmental Engineering.

3. State the plans for allowing those students already in a program to complete degree requirements, including specific information on a.) how students will be notified of the program termination and b.) how students will be counseled on completing the program.

Students in this emphasis will continue in that program of study until they have reached completion.

4. What will be done to minimize the impact or termination of the program upon the personal and professional lives of the faculty and staff involved, specifically a.) how will faculty and staff be notified of the termination and b.) how will faculty and staff be re-deployed?

As a stand-alone degree program in Environmental Engineering exists, there will be no impact on faculty or staff involved in the program. There will be no deletion of courses or changes in instructional responsibilities.

5. What will be done to insure that deactivation or termination of the program does not weaken other programs (graduate, undergraduate, or professional) for which the department may be responsible?

Termination of the area of emphasis in Environmental Engineering will provide enhanced clarity and focus within the Environmental Engineering and Biological Engineering degree programs and will strengthen both programs. We anticipate that enrollment in the Environmental Engineering degree program will see a slight increase and enrollment in the Biological Engineering program will remain unchanged.

6. What plans, if any, is there for subsequent reactivation or reinstatement, respectively, of the deactivated or terminated program?

There are currently no plans for the reinstatement of the area of emphasis in Environmental Engineering in the Biological Engineering degree program.

Approvals on File

Proposal: Termination of the following areas of emphasis under the major in Biological Engineering (B.S.B.E.):

Area of Emphasis in Biochemical Engineering
Area of Emphasis in Biomedical Engineering
Area of Emphasis in Environmental Engineering

Department: School of Chemical, Materials, and Biomedical Engineering

College: College of Engineering

Proposed Effective Term: Fall 2018

Department:

- School of Chemical, Materials, and Biomedical Engineering Chair, Dr. James Warnock, 10/24/2017

School/College:

- College of Engineering Associate Dean, Dr. Ramana Pidaparti, 10/26/2017