

Program Change Request

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Program Elimination Proposal

Date Submitted: 03/14/26 6:17 am

Viewing: **BS-BME-CTE : Bachelor of Science in Biomedical Engineering: Cell and Tissue Engineering Track**

Last approved: 05/15/23 12:13 pm

Last edit: 03/14/26 6:17 am

Changes proposed by: dhar

Catalog Pages
 Using this Program
[Bachelor of Science in Biomedical Engineering: Cell and Tissue Engineering Track](#)

Elimination type Elimination Active

End Term Summer 2026

What is the reason this program is being eliminated?

In Workflow

1. **BMED Chair**
2. **Academic Affairs**
3. **Undergraduate Academic Affairs**
4. **AC Dean**
5. **Undergraduate Studies Committee Chair**
6. **Faculty Council Chair**
7. Faculty Council Chair
8. Provost
9. President
10. Academic Affairs

Approval Path

1. 03/21/26 2:38 pm
Satish Parulekar (parulekar): Approved for BMED Chair
2. 03/22/26 7:34 pm
Ayesha Qamer (aqamer): Approved for Academic Affairs
3. 03/23/26 9:01 am
Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs
4. 03/23/26 11:32 am
Louis Cattafesta III (lcattafestaiii): Approved for AC Dean
5. 04/10/26 11:51 am
Kathiravan

Krishnamurthy
(kkrishn2):
Approved for
Undergraduate
Studies Committee
Chair

History

1. Oct 17, 2017 by
clmig-jwehrheim
2. Oct 18, 2017 by
clmig-jwehrheim
3. Nov 8, 2017 by
Sarah Pariseau
(sparisea)
4. Apr 26, 2018 by
Sarah Pariseau
(sparisea)
5. Apr 27, 2018 by
Sarah Pariseau
(sparisea)
6. Apr 11, 2019 by
Philip Troyk (troyk)
7. Mar 17, 2021 by
Bonnie Haferkamp
(haferkamp)
8. Mar 4, 2022 by
Renee Weaver
(weaver)
9. May 15, 2023 by
Renee Weaver
(weaver)

[This program is combined with Bachelor of Science in Biomedical Engineering.](#)

[There is no change in terms of course credits](#)

Are there any students in this program?

[No](#)

Program Status	<u>Elimination</u> Active		
Requestor	Name	<u>Promila Dhar</u> Renee Weaver	E-mail
		<u>dhar@iit.edu</u> weaver@iit.edu	
Origination Date	2023-3-15		

Is this an interdisciplinary program? No

Is this an incubator program?

Is this stem-eligible?

Available for direct application?

Academic Unit Biomedical Engineering College
Armour College of Engineering

Program Title Bachelor of Science in Biomedical Engineering: Cell and Tissue Engineering Track

Effective Academic Year 2023 - 2024 Effective Term Summer 2026

Academic Level Undergraduate

If all courses in a subject in your department are required, please enter each subject followed by the number ranges in the "Quick Add" field in the pop up box when you click the green plus button below. For example: ARCH 100-499.

What courses will factor the major GPA?

Program Type Degree

Degree Type Bachelor of Science (BS)

CIP Code 14.0501 - Bioengineering and Biomedical Engineering.

Is there more than one Academic Unit proposer?

No

Program Code BS-BME-CTE

Program Attribute

Total Program Credit Hours 131

Program Narrative and Justification

Narrative description of how the institution determined the need for the program. For example, describe what need this program will address and how the institution became aware of that need. If the program is replacing a current program(s), identify the current program(s) that is being replaced by the new program(s) and provide details describing the benefits of the new program(s). If the program will be offered in connection with, or in response to, an initiative by a governmental entity, provide details of that initiative.

Narrative description of how the program was designed to meet local market needs, or for an online program, regional or national market needs. For example, indicate if Bureau of Labor Statistics data or State labor data systems information was used, and/or if State, regional, or local workforce agencies were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from potential employers about course content; and information regarding the target students and employers.

Narrative description of any wage analysis the institution may have performed, including any consideration of Bureau of Labor Statistics wage data related to the new program.

Narrative description of how the program was reviewed or approved by, or developed in conjunction with, one or more of the following: a) business advisory committees; b) program integrity boards; c) public or private oversight or regulatory agencies (not including the state licensing/authorization agency and accrediting agency); and d) businesses that would likely employ graduates of the program. For example, describe the steps taken to develop the program, identify when and with whom discussions were held, provide relevant details of any proposals or correspondence generated, and/or describe any process used to evaluate the program.

Admission Entry Details

What are the enrollment estimates?

Year 1

Year 2

Year 3

Attach Additional
Program
Justification
Document(s)

Academic Information

Advising

Since quality advising is a key component of good retention, graduation, and career placement, how will students be mentored? What student professional organizations will be formed? How will the department work with the Career Services office to develop industry connections?

Program Resources

Which program resources are necessary to offer this program?

Proposed Catalog Entry

Admission
Requirements

Sample
Curriculum/Program
Requirements

Bachelor of Science in Biomedical Engineering: Cell and Tissue Engineering Track Curriculum

			Year 1
Semester 1	Credit Hours	Semester 2	Credit Hours
<u>BME 100</u>	2	<u>CHEM 125</u>	4
<u>CHEM 124</u>	4	<u>MATH 152</u>	5
<u>CS 104</u>	2	<u>PHYS 123</u>	4
<u>MATH 151</u>	5	Social Sciences Elective	3
Humanities 200-level Course	3		
	16		16
			Year 2
Semester 1	Credit Hours	Semester 2	Credit Hours
<u>CHEM 235</u> or <u>237</u>	3-4	<u>BIOL 115</u>	3
<u>ECE 211</u>	3	<u>BIOL 117</u>	1
<u>MATH 252</u>	4	<u>BME 315</u>	2
<u>MMAE 202</u>	3	<u>MATH 251</u>	4
		<u>PHYS 221</u>	4
		Social Sciences Elective (300+)	3

13-14

17

Year 3

Semester 1

Credit
Hours

Semester 2

Credit
Hours

[BME 405](#)

2

[BIOL 403](#)

4

[BME 422](#)

3

[BME 301](#)

3

[BME 453](#)

3

[BME 310](#)

3

[CHE 202](#)

3

[BME 320](#)

1

[ECE 308](#)

3

[BME 335](#)

3

Social Sciences Elective (300+)

3

IPRO Elective I

3

17

17

Year 4

Semester 1

Credit
Hours

Semester 2

Credit
Hours

[BME 418](#)

3

[BME 420](#)

3

[BME 419](#)

2

[BME 424](#)

3

[BME 433](#)

3

BME Elective¹

3

[BME 482](#)

3

IPRO Elective II

3

BME Elective¹

3

Humanities Elective (300+)

3

Humanities Elective (300+)

3

Humanities or Social Science Elective

3

17

18

Total Credit Hours: 131-132

¹

BME elective must be chosen from the [approved list](#) of 300+ level engineering courses in BME, ECE, CHE, MMAE, CAE, or CS. [ENGR 497](#) will apply.

Specialization

Requirements

Program Outcomes and Assessment Process

What are your learning objectives in this program? Please list each learning objective in the boxes below:

Note: These should be the same as described in your assessment plan at the bottom of this form.

Upload your
assessment plan
here:

Undergraduate Program Requirements

What courses will
factor the major
GPA?

Undergraduate Degree Requirements

Minimum credit 131
hours

Specialization
required?
Yes

Notes about
specialization
requirement

Minor required?
No

Proposed General Curriculum

Degree credit hours
required

Specialization 131
credit hour
requirement

List Major Course
Requirements

List Mathematics
Requirements

List Science Requirements

List Computer Science Requirements

List Humanities and Social Sciences Requirements

List Interprofessional Project (IPRO) Requirements

List Technical Elective Course Options

List Free Elective Credit Hours (if applicable)

Semester-by-semester plan of study for the degree program

Specialization

Report from Faculty Council

Reviewer Comments

Satish Parulekar (parulekar) (03/20/26 5:10 pm): Approved elimination. Satish J. Parulekar, Interim Chair, BME Department

Satish Parulekar (parulekar) (03/20/26 5:11 pm): Approved elimination. Satish J. Parulekar, Interim Chair, BME Department

Key: 6