

# Biomedical Engineering B.S.B.E.

2- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

## Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

### Potential Entry Level Job Titles:

Health Coordinator ◦ Medical Scientist ◦ Medical Assistant

### Potential Entry Level Salary Range:

\$54,000 - \$61,000

## Semester 1 - Fall

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EGN 3000 - Foundations of Engineering	0
<input checked="" type="checkbox"/>	BME 3060 - BME Fundamentals	3
<input checked="" type="checkbox"/>	BME 3053 - Computer Programming for BME	3
<input checked="" type="checkbox"/>	EGN 3373 - Electrical Systems I	3
<input checked="" type="checkbox"/>	BME 4508 - BME Signals & Systems Analysis	3
<input type="checkbox"/>	BME 3009 - Biomedical Engineering	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

## Semester 2 - Spring

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	BME 3082 - Ethics for Biomed Engineers	3
<input checked="" type="checkbox"/>	BME 3312 - Molecular & Cell Engineering	3
<input checked="" type="checkbox"/>	BME 4056C - Biomedical Engineering Lab I	2
<input type="checkbox"/>	BME 4409 - Engineering Physiology	3
<input type="checkbox"/>	BME 4503 - Biomedical Instrumentation	3
<input type="checkbox"/>	Major Elective - BME	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EGN 2440 - Prob & Statistics With Calc	3
<input type="checkbox"/>	EGN 3343 - Thermodynamics I	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	BME 4232 - Biomechanics	3
<input type="checkbox"/>	BME 4104 - Biomaterials Engineering	3
<input type="checkbox"/>	BME 3632 - Biomedical Transport Process	3
<input type="checkbox"/>	BME 4057C - Biomedical Engineering Lab II	2
<input type="checkbox"/>	BME 4514C - Embedded Systems for BME	3
<input type="checkbox"/>	BME 4882 - BME Design I	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	BME 4883C - BME Design II	3
<input type="checkbox"/>	Major Elective - BME	3
<input type="checkbox"/>	Major Elective - STEM	3
<input type="checkbox"/>	Major Elective - STEM	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
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