



# FLORIDA STATE UNIVERSITY

## College of Engineering Biomedical Engineering (BS)



### Admission Information

❖ Specialized Admissions – No

❖ Minimum GPA = 2.00 overall

❖ Limited Enrollment - No

❖ Test Required – No

❖ Separate Major Application  
Required – No

❖ Admits every semester

**\*\* This is a recommended sequence of courses for general advisement purposes only.  
Students are encouraged to meet with their academic advisor\*\***

## Required Pre-Requisite Courses

(C minus or higher required in each course)

### FSU COURSES

MAC1105 College Algebra  
 MAC1140 Pre-Calculus  
 MAC1114 Trigonometry  
 MAC2311 Calculus I  
 BSC2010 Biological Science 1 + Lab (strongly recommended)  
 CHM1045 General Chemistry 1 + Lab (strongly recommended)  
 CHM1046 General Chemistry II + Lab (strongly recommended)

### TCC COURSE EQUIVALENT

MAC1105  
 MAC1140  
 MAC1114  
 MAC2311  
 BSC2010/L  
 CHM1045/L  
 CHM1046/L

### YEAR 1 TCC

FALL		SPRING	
ENC1101	(3)	ENC 1102/ENC1141	(3)
MAC1105	(3)	MAC1140	(3)
State Core Soc Sci, Area A, Group 1	(3)	BSC2010 and BSC2010 Lab ( <i>NSLab</i> )*	(4)
SLS1510 or SLS2261	(3)	State Core Humanities, Area A: THE2000 recommended ( <i>Div</i> )*	(3)
A.A. Elective	(3)	TCC Core Soc Sci, Area B, Group 1	(3)
<b>Total: 15</b>		<b>Total: 16</b>	

### YEAR 2 TCC

FALL		SPRING	
MAC1114	(3)	MAC2311	(5)
CHM1045 and CHM1045 Lab	(4)	CHM1046 and CHM1046 Lab	(4)
State Core Soc Sci, Area A, Group 2: AMH2020 or POS1041 ( <i>Civ Lit</i> )*	(3)	TCC Core Humanities, Area B	(3)
TCC Core Soc Sci, Area B, Group 2	(3)	TCC Core Soc Sci, Area B, Group 1	(3)
A.A. Elective	(3)		
<b>Total: 16</b>		<b>Total: 15</b>	

\*FSU Graduation Requirement: *NSLab* = Natural Science Lab, *Div* = Diversity, *Civ Lit* = Civic Literacy

**Total Credits: 62**

## Transfer to the University Information

\*Please Note: Face-to-face/in-person instruction of this program is available ONLY at the main campus in Tallahassee, FL. This program is NOT available via Online/Distance Learning.\*

**Website:** <https://admissions.fsu.edu/transfer/>

**Email:** [admissions@fsu.edu](mailto:admissions@fsu.edu)

**Phone:** (850) 644-6200

**Address:** Florida State University  
Office of Admissions  
A2500 University Center  
282 Champions Way  
Tallahassee FL 32306-2400

## Major Information

**FAMU/FSU College of Engineering:** <https://www.eng.famu.fsu.edu/>

**Admission to major:** <https://www.eng.famu.fsu.edu/cbe/undergraduate-admissions>

**Email:** [chemical@eng.famu.fsu.edu](mailto:chemical@eng.famu.fsu.edu)

## Employment Information

**FSU Career Center:** <https://www.career.fsu.edu/>

**Representative Job Titles Related to this Major:** Biomedical Engineer, Biochemical Engineer, Design Engineer, Food Engineer, Development Engineer, Polymer Engineer, Project Engineer, Process Engineer, Research Engineer, Materials Engineer.

**Representative Employers:** The work of the biomedical engineer is to analyze, develop, design, control, construct, and/or supervise biomedical and biotechnological processes and products in research and development, pilot-scale operations, and industrial production.

Industries include: Pharmaceuticals, Biotech companies, Genetic Engineering companies, Biopharmaceutical companies, Biological products (e.g., enzymes, vaccines, biochemicals, biofuels), and Advanced biomaterials.

Employment is also available in the technical service, process improvement, or environmental compliance sections of such industries.

Graduate education in biomedical engineering, medical school, dental school, business school, law school, and other science or engineering disciplines are viable alternatives for the more accomplished graduate. Research and development work or policy analysis at governmental agencies, and university/college teaching are other employment options.