

BIOMEDICAL ENGINEERING

Bachelor of Science (B.S.)

At-A-Glance



Minimum GPA
2.0



Limited Access
No



Additional Program
Application
No



Test Required
No



Online Option
No



Total Credits
61

Important Notes

- Must earn a grade C- or higher in courses unless otherwise indicated.
- Foreign Language Requirements: All undergraduate students are **required** to have **two** years of Foreign Language study **prior** to graduation with a bachelor's degree from Florida A&M University.
- Civics Literacy Requirement must be met prior to graduation.



RECOMMENDED PRE-TRANSFER COURSEWORK

YEAR 1

Fall	Spring
ENC 1101 Freshman Comm Skills I (3)	ENC 1102 Freshmen Comm Skills II (3)
MAC 2311 Calculus I (4)	MAC 2312 Calculus II (4)
CHM 1045-1045L General Chem I w/Lab (4)	CHM 1046/1046L General Chemistry II w/Lab (4)
EGN 1004L 1st Year Engineering Lab (1)	BSC 1010 General Biology I (3)
Social Science Core Course (3)	
Total: 15	Total: 14

YEAR 2

Fall	Spring
MAC 2313 Calculus III (5)	ECH 3301 Process Analysis and Design (4)
CHM 2210 Organic Chemistry I (3)	CHM 2211 Organic Chemistry II (3)
PHY 2048/2048L General Physics I w/Lab (5)	PHY 2049/2049L General Physics II w/Lab (5)
ECH 3023 Mass & Energy Balance I (3)	ECH 3024 Mass & Energy Balance 2 II (4)
Total: 16	Total: 16



JOB OUTLOOK

Employment of bioengineers and biomedical engineers is projected to grow 5 percent from 2024 to 2034, faster than the average for all occupations. About 1,300 openings for bioengineers and biomedical engineers are projected each year, on average, over the decade.

Career Opportunities

- Bulk and Fine Chemicals
- Consumer Products
- Biotechnology and Pharmaceuticals
- Electronics
- Environmental Safety and Health
- Fuels and Energy Conversion
- Process Design
- Post-secondary Teachers
- Research Assistant
- Laboratory Technician
- Environmental Consultant
- Healthcare
- Biotechnology
- Pharmaceutical



NEXT STEPS



CONTACT US

Program Website

<https://eng.famu.fsu.edu/cbe>

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