

Biomedical Engineering

2024-2025 Palm Beach State College Transfer Guide

Degree

[Bachelor of Science in Biomedical Engineering](#)
[Course Catalog](#)

Admission Requirements

- **Academic Progression Standards**
 - Complete Associate in Arts (AA) degree
 - Complete all prerequisites with grade of C or higher
 - Cumulative Transfer GPA: 2.0 or higher
 - Earn grade of C or higher in all prerequisites in **two attempts or fewer**
 - Drop/withdrawal **grades** are considered attempts
 - Complete the following courses prior to transfer (if not all prerequisites are completed):
 - MAC 2311
 - BSC 2010 and BSC 2010L (or 2010/L)
 - CHM 1045 and CHM 1045L
 - PHY 2048 and PHY 2048L

Special Notes

- We strongly encourage students to complete math and science courses **every term** to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- The additional lower division course below is required for this program. We encourage students to take the course (as an elective) prior to completing the AA.

PREREQUISITES

PBSC Course	FIU Course
MAC 2311 Calculus with Analytic Geometry 1	MAC 2311
MAC 2312 Calculus with Analytic Geometry 2	MAC 2312
MAC 2313 Calculus with Analytic Geometry 3	MAC 2313
MAP 2302 Differential Equations	MAP 2302
BSC 1010 + BSC 1010L Principles of Biology 1 + Lab	BSC 2010 + BSC 2010L
CHM 1045 + CHM 1045L General Chemistry 1 + Lab	CHM 1045 + CHM 1045L
CHM 1046 + CHM 1046L General Chemistry 2 + Lab	CHM 1046 + CHM 1046L
CHM 2210+ CHM 2210L Organic Chemistry 1 + Lab	CHM 2210 + CHM 2210L
PHY 2048 + PHY 2048L General Physics with Calculus 1 + Lab	PHY 2048 + PHY 2048L
PHY 2049 + PHY 2049L General Physics with Calculus 2 + Lab	PHY 2049 + PHY 2049L

ADDITIONAL LOWER DIVISION COURSES

CHM 2211 Organic Chemistry 2*	CHM 2211
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*Satisfies BME science elective requirement (lab not required).