

Biomedical Engineering

2022-2023 Palm Beach State College Transfer Guide

Degree

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

Advising Information

<https://cec.fiu.edu/academics/student-resources/advising/>

Admission Requirements

- **Academic Progression Standards**
To progress into upper-division coursework, students must earn a C or better in ALL prerequisites in **two attempts or fewer**. Drops after the add/drop period are considered an attempt in the course.
- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- To be fully admitted to the program, the following courses must be completed prior to transfer:
 - MAC 2311
 - BSC 2010 and BSC 2010L
 - CHM 1045 and CHM 1045L
 - PHY 2048 and PHY 2048L

Special Notes

- It is highly recommended that you complete all of your math and science prerequisites shown below before transferring to FIU to avoid Excess Credit Surcharges after transferring to FIU with an AA degree.
- Engineering students should take math and science courses every term at PBSC in order to make efficient progress towards the degree. Delaying math and science courses effectively delays graduation as such courses are prerequisites for upper level engineering coursework at FIU.

PREREQUISITES

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

RECOMMENDED

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|--------------------------------|----------|
| CHM 2211* Organic Chemistry II | CHM 2211 |
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**This course will count towards the BME science elective required for graduation.*