

Biomedical Engineering

2023-2024 Miami Dade College Transfer Guide



College of Engineering & Computing



Degree

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

Admission Requirements

- **Academic Progression Standards**
 - Completion of Associate in Arts (AA) degree
 - Completion of 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
 - Completion of the following courses prior to transfer (if not all prerequisites are completed):
 - MAC 2311
 - BSC 1010 and BSC 1010L (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 courses below are required for this program. We encourage students to take these courses (as electives) prior to completing the AA.

PREREQUISITES

MDC Course	FIU Course
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
MAC 2313 Calculus and Analytical Geometry 3	MAC 2313
MAP 2302 Introduction to Differential Equations	MAP 2302
BSC 2010 + BSC 2010L Principles of Biology 1 + Lab	BSC 2010 + Lab
CHM 1045 + CHM 1045L General Chemistry & Qualitative Analysis 1 + Lab	CHM 1045 + Lab
CHM 1046 + CHM 1046L General Chemistry & Qualitative Analysis 2 + Lab	CHM 1046 + Lab
CHM 2210 + CHM 2210L Organic Chemistry 1 + Lab	CHM 2210 + Lab
PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab	PHY 2048 + Lab
PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab	PHY 2049 + Lab

ADDITIONAL LOWER DIVISION COURSES

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