

Mathematical Sciences: Mathematics

2022-2023 Palm Beach State College Transfer Guide

Degree

[Bachelor of Science in Mathematics: Mathematics](#)

Tracks: *Comprehensive, Applied Mathematics, Biology, Business, Chemistry, Computer Science, Economics, and Physics*

[Course Catalog](#)

Advising Information

<https://mathstat.fiu.edu/academics/advising/index.html>

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- All prerequisites completed with a grade of C or better

Special Notes

- STEM majors must enroll in math and science courses **every term** at PBSC in order to make satisfactory progress towards degree requirements.

PREREQUISITES

| PBSC Course | FIU Course |
|--|------------|
| MAC 2311 Calculus with Analytical Geometry 1 | MAC 2311 |
| MAC 2312 Calculus with Analytical Geometry 2 | MAC 2312 |
| MAC 2313 Calculus with Analytical Geometry 3 | MAC 2313 |
| MAP 2302 Differential Equations | MAP 2302 |
| COP 2800C Java Programming | COP 2210 |

Complete one of the following courses with lab:

| | |
|--|----------------|
| *BSC 1010 + BSC 1010L Introduction to Biology 1 + Lab | BSC 2010 + Lab |
| OR | |
| *BSC 1011 + BSC 1011L Introduction to Biology 2 + Lab | BSC 2011 + Lab |
| OR | |
| **CHM 1045 + CHM 1045L General Chemistry 1 + Lab | CHM 1045 + Lab |
| OR | |
| **CHM 1046 + CHM 1046L General Chemistry 2 + Lab | CHM 1046 + Lab |
| OR | |
| **PHY 2048 + PHY 2048L General Physics w/ Calculus 1 + Lab | PHY 2048 + Lab |
| OR | |
| **PHY 2049 + PHY 2049L General Physics w/ Calculus 2 + Lab | PHY 2049 + Lab |

*Required for Biology track

**Required for Chemistry track. Physics track only requires Physics sequence.

ADDITIONAL COURSES - BUSINESS AND ECONOMICS TRACKS ONLY

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|---------------------------------------|----------|
| ECO 2013 Principles of Macroeconomics | ECO 2013 |
| ECO 2023 Principles of Microeconomics | ECO 2023 |