

Mathematical Sciences: Mathematics

2022-2023 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Science in Mathematical Sciences: 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 MDC in order to make satisfactory progress towards degree requirements.

PREREQUISITES

MDC 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 Introduction to Differential Equations	MAP 2302
COP 2800 Java Programming	COP 2210

Complete one of the following courses with lab:

*BSC 2010 + BSC 2010L Principles of Biology 1 + Lab	BSC 2010 + Lab
OR	
*BSC 2011 + BSC 2011L Principles of Biology 2 + Lab	BSC 2011 + Lab
OR	
**CHM 1045 + CHM 1045L General Chemistry & Qual. Analysis + Lab	CHM 1045 + Lab
OR	
**CHM 1046 + CHM 1046L General Chemistry & Qual. Analysis + Lab	CHM 1046 + Lab
OR	
**PHY 2048 + PHY 2048L Physics w/ Calculus 1 + Lab	PHY 2048 + Lab
OR	
**PHY 2049 + PHY 2049L 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

ECO 2013 Principles of Economics (Macro)	ECO 2013
ECO 2023 Principles of Economics (Micro)	ECO 2023