

Mathematical Sciences: Mathematics

2024-2025 Broward College Transfer Guide

Degree

[Bachelor of Science in Mathematical Sciences: Mathematics Major Course Catalog](#)

Majors: Mathematics, Mathematical Data Science, Statistics.

Admission Requirements

- Complete Associate in Arts (AA) degree
- Complete all prerequisites with grade of C or higher
- Cumulative Transfer GPA: 2.0 or higher

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 selection of science+lab depends on the track (refer to catalog link). The tracks below require discipline-specific sciences.
 - **Biology:** BSC2010/L+2011/L; **Chemistry:** CHM1045/L+1046/L, CHM 2210 (no lab), PHY2048/L+2049/L; **Physics:** PHY2048/L+2049/L
- **Business** track and **Economics** track require: ECO2013+2023
- Courses for the **Applied Math** track, **Comprehensive** track, and **Computer Science** track are taken at FIU after 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

BC Course	FIU Course
MAC 2311 Calculus and Analytical Geometry I	MAC 2311
MAC 2312 Calculus and Analytical Geometry II	MAC 2312
MAC 2313 Calculus and Analytical Geometry III	MAC 2313
MAP 2302 Differential Equations	MAP 2302
COP 1250C Programming 1	COP 2250

Complete one of the following science courses with lab. See Special Notes above.

BSC 2010 + BSC 2010L Introduction to Biology I + Lab	BSC 2010 + BSC 2010L
OR	
BSC 2011 + BSC 2011L Introduction to Biology II + Lab	BSC 2011 + BSC 2011L
OR	
CHM 1045 + CHM 1045L General Chemistry I + Lab	CHM 1045 + CHM 1045L
OR	
CHM 1046 + CHM 1046L General Chemistry II + Lab	CHM 1046 + CHM 1046L
OR	
PHY 2048 + PHY 2048L General Physics with Calculus I + Lab	PHY 2048 + PHY 2048L
OR	
PHY 2049 + PHY 2049L General Physics with Calculus II + Lab	PHY 2049 + PHY 2049L
OR	
GLY 1010 + GLY 1010L Physical Geology + Lab	GLY 1010 + GLY 1010L

Complete the following courses if pursuing the Business or Economics track. See Special Notes above.

ECO 2013 Principles of Macroeconomics AND ECO 2023 Principles of Microeconomics	ECO 2013 + ECO 2023
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ADDITIONAL LOWER DIVISION COURSES

MAD 2104 Discrete Mathematics	MAD 2104
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