

# Mathematical Sciences: Mathematical Data Science

## 2024-2025 Broward College Transfer Guide

### Degree

[Bachelor of Science in Mathematical Sciences: Mathematical Data Science 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 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 2210

Complete one of the following science courses with lab.

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

### ADDITIONAL LOWER DIVISION COURSES

MAD 2104 Discrete Mathematics	MAD 2104
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