

Mathematical Sciences: Mathematical Data Science

2023-2024 Palm Beach State College Transfer Guide

Degree

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

Majors: Mathematics, Mathematical Data Science, Statistics.

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Completion of 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 (and upper) division courses below are required for this program. We encourage students to take these courses (as electives) prior to completing the AA.

PREREQUISITES

PBSC Course	FIU Course
MAC 2311 Calculus with Analytic Geometry 1	MAC 2311
MAC 2312 Calculus with Analytic Geometry 2	MAC 2312
MAC 2313 Calculus with Analytic Geometry 3	MAC 2313
MAP 2302 Differential Equations	MAP 2302
COP 2800 Programming in Java	COP 2210

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

BSC 1010 + BSC 1010L Principles of Biology 1 + Lab OR	BSC 2010 + Lab
BSC 1011 + BSC 1011L Principles of Biology 2 + Lab OR	BSC 2011 + Lab
CHM 1045 + CHM 1045L General Chemistry 1 + Lab OR	CHM 1045 + Lab
CHM 1046 + CHM 1046L General Chemistry 2 + Lab OR	CHM 1046 + Lab
PHY 2048 + PHY 2048L General Physics with Calculus 1 + Lab OR	PHY 2048 + Lab
PHY 2049 + PHY 2049L General Physics with Calculus 2 + Lab	PHY 2049 + Lab

ADDITIONAL LOWER DIVISION COURSES

MAD 2104 Special Topics in Mathematics: Discrete Math	MAD 2104
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