

Mathematics-Math Education

2024-2025 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Arts in Mathematics: Mathematics Education Major](#)
[Course Catalog](#)

Admission Requirements

- **Teacher Preparatory Program**
 - Complete Associate in Arts (AA) degree
 - Complete all prerequisites with grade of C or higher
 - Cumulative Transfer GPA: 2.5 or higher
 - Complete FTCE (General Knowledge Test)
 - State-mandated for admission to teacher preparation programs. We strongly encourage students to pass this test prior to transfer. Visit: <http://www.fldoe.org/accountability/assessments/postsecondary-assessment/ftce/>

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 also required for this program. We encourage students to take the course (as an elective) prior to completing the AA.
- Visit [FIUteach](#) to learn more about graduating with a degree **and** teacher certification.

PREREQUISITES

MDC Course	FIU Course
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
MAC 2313 Calculus and Analytical Geometry 3	MAC 2313
MAP 2302 Introduction to Differential Equations	MAP 2302
COP 2800 Java Programming	COP 2210

Complete one of the following science courses with lab.

BSC 2010 + BSC 2010L Principles of Biology 1 + Lab OR	BSC 2010 + BSC 2010L
BSC 2011 + BSC 2011L Principles of Biology 2 + Lab OR	BSC 2011 + BSC 2011L
CHM 1045 + CHM 1045L General Chemistry & Qualitative Analysis 1 + Lab OR	CHM 1045 + CHM 1045L
CHM 1046 + CHM 1046L General Chemistry & Qualitative Analysis 2 + Lab OR	CHM 1046 + CHM 1046L
PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab OR	PHY 2048 + PHY 2048L
PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab OR	PHY 2049 + PHY 2049L
GLY 1010 + GLY 1010L Physical Geology + Lab	GLY 1010 + GLY 1010L

ADDITIONAL LOWER/UPPER DIVISION COURSES

MAD 2104 Discrete Mathematics	MAD 2104
MAS 3105 Linear Algebra	MAS 3105