Mathematics-Math Education
2023-2024 Miami Dade College Transfer Guide

Miami Dade College

College of Arts, Sciences & Education

FIU | Connect4Success

Degree

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

Admission Requirements

- **Specialized Admissions**
  - Completion of Associate in Arts (AA) degree
  - Completion of all prerequisites with grade of C or higher
  - Cumulative Transfer GPA: 2.5 or higher
  - Completion of 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 (and upper) division courses below are required for this program. We encourage students to take these courses (as electives) 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 any ONE of the following lectures with lab:

MDC Course	FIU Course
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 & Qualitative Analysis 1 + Lab	CHM 1045 + Lab
OR	
CHM 1046 + CHM 1046L General Chemistry & Qualitative Analysis 2 + Lab	CHM 1046 + Lab
OR	
PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab	PHY 2048 + Lab
OR	
PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab	PHY 2049 + Lab

ADDITIONAL LOWER/UPPER DIVISION COURSES

MDC Course	FIU Course
MAD 2104 Discrete Mathematics	MAD 2104
MAS 3105 Linear Algebra	MAS 3105