Mathematical Sciences: Mathematics

2023-2024 Broward College Transfer Guide

BROWARD COLLEGE

College of Arts, Sciences & Education

FIU Connect4Success

Degree

Bachelor of Science in Mathematical Sciences: Mathematics 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 selection of science+lab depends on the track (refer to catalog link). The tracks below require discipline-specific sciences.
  - Biology: BSC1010/L+BSC1011/L
  - Chemistry: CHM1045/L+CHM1046/L, CHM 2210 (no lab) and PHY2048/L+PHY2049/L
  - Physics: PHY2048/L+PHY2049/L
- Business and Economics tracks require: ECO2013+ECO2023
- 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 + Lab
OR	
BSC 2011 + BSC 2011L Introduction to Biology II + Lab	BSC 2011 + Lab
OR	
CHM 1045 + CHM 1045L General Chemistry I + Lab	CHM 1045 + Lab
OR	
CHM 1046 + CHM 1046L General Chemistry II + Lab	CHM 1046 + Lab
OR	
PHY 2048 + PHY 2048L General Physics with Calculus I + Lab	PHY 2048 + Lab
OR	
PHY 2049 + PHY 2049L General Physics with Calculus II + Lab	PHY 2049 + Lab

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

ECO 2013 Principles of Macroeconomics	ECO 2013
ECO 2023 Principles of Microeconomics	ECO 2023

ADDITIONAL LOWER DIVISION COURSES

MAD 2104 Discrete Mathematics	MAD 2104