

Earth Science Education

2024-2025 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Arts in Earth Sciences: Earth Science Education 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 required for the degree. We encourage students to take the course (as an elective) prior to completing the AA.
- Visit [FIU Teach](#) to learn more about graduating with both a degree **and** teacher certification.

PREREQUISITES

MDC Course	FIU Course
MAC 1114 Trigonometry	MAC 1114
OR	
MAC 1147 Pre-Calculus Algebra and Trigonometry	MAC 1147
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
OR	
STA 2023 Statistical Methods	STA 2023
CHM 1045 + CHM 1045L General Chemistry & Qualitative Analysis + Lab	CHM 1045 + CHM 1045L
CHM 1046 + CHM 1046L General Chemistry & Qualitative Analysis + Lab	CHM 1046 + CHM 1046L
PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab	PHY 2048 + PHY 2048L
PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab	PHY 2049 + PHY 2049L
OR	
PHY 2053 + PHY 2053L Physics (without Calculus) 1 + Lab	PHY 2053 + PHY 2048L
PHY 2054 + PHY 2054L Physics (without Calculus) 2 + Lab	PHY 2054 + PHY 2049L
*ESC 1000 General Education Earth Science	ESC 1000
*Lab not offered at MDC, complete at FIU after transfer.	
OR	
GLY 1010 + GLY 1010L Physical Geology + Lab	GLY 1010 + GLY 1010L

ADDITIONAL LOWER DIVISION COURSES

BSC 2011 + BSC 2011L Principles of Biology 2 + Lab	BSC 2011 + BSC 2011L
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