

Geosciences

2022-2023 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Science in Geosciences](#)

Majors: *Geological Sciences, Atmospheric Sciences*

[Course Catalog](#)

Advising Information

<https://earthenvironment.fiu.edu/advisors/>

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- All prerequisites completed with a grade of C or better

Special Notes

- Science majors must enroll in math and science courses every term at MDC in order to make satisfactory progress towards degree requirements.
- Physics with Calculus (PHY 2048/2049 with Labs) is strongly recommended for **Atmospheric Sciences** majors.

PREREQUISITES

MDC Course	FIU Course
GLY 1010 + GLY1010L Physical Geology OR ESC 1000* General Education Earth Science	GLY 1010 + Lab ESC 1000 + Lab
CHM 1045 + CHM 1045L General Chem & Qual. Analysis 1 + Lab	CHM 1045 + Lab
CHM 1046 + CHM 1046L General Chem & Qual. Analysis 2 + Lab	CHM 1046 + Lab
MAC 2311 Calculus & Analytical Geometry 1	MAC 2311
PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab AND PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab OR PHY 2053 + PHY 2053L Physics (w/out Calculus) 1 + Lab AND PHY 2054 + PHY 2054L Physics (w/out Calculus) 2 + Lab	PHY 2048 + Lab PHY 2049 + Lab PHY 2053 + Lab PHY 2054 + Lab

**Lab not offered at MDC. Students must enroll in lab at FIU after transfer.*

ADDITIONAL LOWER DIVISION REQUIREMENT

MAC 2312 Calculus & Analytical Geometry 2	MAC 2312
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ADDITIONAL REQUIREMENT FOR GEOLOGICAL SCIENCES MAJOR ONLY

GLY 1100 + GLY 1100L Historical Geology + Lab OR **BSC 2011 + BSC 2011 L Principles of Biology 2 + Lab	GLY 1101 + Lab BSC 2011 + Lab
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***BSC 2010 is a prerequisite for this course at MDC.*

ADDITIONAL REQUIREMENTS FOR ATMOSPHERIC SCIENCES MAJOR ONLY

MAC 2313 Calculus and Analytical Geometry 3	MAC 2313
MAP 2302 Introduction to Differential Equations	MAP 2302