

# EARTH SCIENCE MINOR

**Banner Code:** ESCI

## Academic Advising

Email: [geology@gmu.edu](mailto:geology@gmu.edu)

Website: [science.gmu.edu/academics/departments-units/atmospheric-oceanic-earth-sciences/majors-minors](http://science.gmu.edu/academics/departments-units/atmospheric-oceanic-earth-sciences/majors-minors)

Students enrolled in this minor complete coursework in the solid Earth, oceanography, and the atmosphere. This minor pairs well with other degrees in the sciences, such as chemistry (<http://catalog.gmu.edu/colleges-schools/science/chemistry-biochemistry/>) or biology (<http://catalog.gmu.edu/colleges-schools/science/biology/>).

This has been designated a Green Leaf program (<http://catalog.gmu.edu/student-services/green-leaf-programs-courses/>).

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor, and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

Students may not receive both the Geology Minor (<http://catalog.gmu.edu/colleges-schools/science/atmospheric-oceanic-earth-sciences/geology-minor/>) and the Earth Science Minor.

## Requirements

### Minor Requirements

Total credits: 18-19

This is a Green Leaf program.

Students should refer to the Admissions & Policies tab for specific policies related to this program.

### Core Courses

Code	Title	Credits
GEOL 101 & GEOL 103	Physical Geology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and Physical Geology Lab (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
GEOL 309 or BIOL 309	Oceanography	3
Select one of the following options:		3-4
Option One:		
CLIM 111	Introduction to the Fundamentals of Atmospheric Science (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
CLIM 112	Introduction to the Fundamentals of Atmospheric Science Lab (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	

Option Two:

Code	Title	Credits
GGS 309	Introduction to Weather and Climate	
Total Credits		10-11

### Electives

Code	Title	Credits
Select 8 credits of GEOL electives ( <a href="http://catalog.gmu.edu/courses/geol/">http://catalog.gmu.edu/courses/geol/</a> )		8
Total Credits		8