

MARINE GEOSCIENCE MINOR

Banner Code: MGS

or EVPP 449 Marine Ecology

Academic Advising

Total Credits

15-19

Email: geology@gmu.edu

Website: <https://science.gmu.edu/academics/departments-units/atmospheric-oceanic-earth-sciences/majors-minors>

This minor is designed for students interested in oceans, coastlines, and marine geology. This minor is ideal for students in geology, atmospheric science, environmental science, biology, chemistry, and geography, who are particularly interested in the oceans and their interactions with the solid earth and the atmosphere. It is also useful for students in other colleges such as business who regularly interact with the oceans via supply chain logistics.

Admissions & Policies

Policies

Eight credits of coursework must be unique to the minor.

For policies governing all minors, see AP.5.3.4 Minors (<https://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

Requirements

Minor Requirements

Total credits: 15-19

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

Students must successfully complete the following coursework with a minimum GPA of 2.00.

Code	Title	Credits
GEOL 309	Oceanography	3
or BIOL 309	Oceanography	
or EVPP 309	Oceanography	
Select four courses from the following:		12-16
CLIM 412	Physical Oceanography	
GEOL 304	Sedimentary Geology	
GEOL 308	Igneous and Metamorphic Petrology	
GEOL 312	Invertebrate Paleontology	
GEOL 334	Vertebrate Paleontology (Mason Core) (https://catalog.gmu.edu/mason-core/)	
GEOL 363	Coastal Morphology and Processes	
GEOL 364	Marine Geology	
GEOL 403	Geochemistry	
BIOL 449	Marine Ecology	