

# PALEONTOLOGY MINOR

**Banner Code:** PLEO

## 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 interested in the evolution of life on Earth can take this minor in association with degrees from any field of study across the university. Fundamental courses include historical geology, invertebrate paleontology and vertebrate paleontology.

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. For policies governing all minors, see AP5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

## Minor Requirements

Total credits: 18-21

This is a Green Leaf program.

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.

## Required Core

Code	Title	Credits
GEOL 102 & GEOL 104	Historical Geology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and Historical Geology Laboratory (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
GEOL 312	Invertebrate Paleontology	4
GEOL 334 or BIOL 334	Vertebrate Paleontology Vertebrate Paleontology	4
Total Credits		12

## Electives

Many of the courses below have additional prerequisites beyond the required core courses above; please check the individual courses carefully.

Code	Title	Credits
Select two courses from the following:		6-9
GEOL 304	Sedimentary Geology	

GEOL 309	Oceanography
or BIOL 309	Oceanography
GEOL 332	Paleoclimatology
GEOL 364	Marine Geology
BIOL 300	BioDiversity
BIOL 308	Foundations of Ecology and Evolution
BIOL 320	Comparative Chordate Anatomy
BIOL 331	Invertebrate Zoology
BIOL 377	Applied Ecology
BIOL 470	
BIOL 471	Evolution
EVPP 419	Marine Mammal Biology and Conservation
GGG 321	Biogeography
or BIOL 374	Biogeography: Space, Time, and Life

Total Credits

6-9