

## Requirements for Geosciences Minor

2018-2019, 2019-2020, 2020-2021, 2021-2022, & 2022-2023

The Geosciences minor requires 20 units.

Any additional coursework required to reach 20 units should be Geosciences Electives selected in consultation with your academic advisor. The minor requires a minimum of 9 upper-division units.

The cumulative GPA for the minor must be 2.0 or higher. A minimum GPA presupposes that at least one 3-unit course in the minor is University Credit.

### GEOSCIENCES MINOR

COURSE	TITLE	PRE-REQUISITE(S)	SEMESTER TYPICALLY OFFERED	UNITS
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#### Complete one course:

GEOS 251	Physical Geology	None	Fall & Spring	4
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#### Choose minimum of two:

GEOS 255	Historical Geology	GEOS 251	Spring	4
GEOS 260	Intro to Gems & Minerals	CHEM 151 or CHEM 141/143 or MSE 110	Fall	3
GEOS 280	Programming and Data Analysis in Earth Sciences	None	Fall	3
GEOS 285	Introduction to Python in Geosciences	GEOS 251	Spring	3
GEOS 300	Earth Surface Processes	GEOS 251, MATH 122B recommended	Spring	3
GEOS 302	Stratigraphy and Sedimentation	GEOS 251, CHEM 151, PHYS 102 or 141	Fall	4
GEOS 304	Structural Geology	GEOS 251, PHYS 102 or 141	Spring	4
GEOS 306	Mineralogy	GEOS 251, CHEM 151	Fall	3
GEOS 308	Paleontology	GEOS 251	Spring	3
GEOS 322	Intro to Geophysics	GEOS 251, MATH 122B	Fall	3
GEOS 342	The History of Earth's Climate	GEOS 251	Fall	3
GEOS 356	Petrology	GEOS 306, MATH 122B, PHYS 102 or 141	Spring	4
GEOS 412A	Ocean Science	One year of science, or consent of instructor	Spring	3

#### Geosciences Electives\* – Complete 20 units (9 units overall, including above, must be upper-division):


\*Students can use one class from GEOS 212, 216, 218, 220, 222.

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