

Geology (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (<https://apps.oirp.ncsu.edu/pgas/>)!

The Department of Marine, Earth and Atmospheric Sciences offers a minor in Geology to majors in any field except geology. This program provides a means of recognition for students in any field who have a curiosity about the materials, structures and processes of the solid earth.

Admissions

Admission into this minor program requires that the student be in good academic standing at the university. To officially enroll in the Minor program, students should contact Dr. Karl Wegmann. Dr. Wegmann will provide the student with the name of a geology faculty member who will act as the advisor for the student's minor program.

Certification

Students should see Dr. Wegmann for certification of the minor, 2123 Jordan Hall. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program.

Contact Person

Dr. Karl Wegmann

Department of Marine, Earth and Atmospheric Sciences
2123 Jordan Hall
919.515.0380
kwwegman@ncsu.edu

SIS Code: 17GM

Plan Requirements

- A grade of 'C' or better in at all course work used toward minor.

Code	Title	Hours	Counts towards
Gateway Course			
Select one of the following:		3-4	
MEA 100	Earth System Science: Exploring the Connections		
MEA 140	Catastrophic Earth		
MEA 101	Geology I: Physical		
MEA 150	Environmental Issues in Water Resources		
MEA 200	Introduction to Oceanography		
MEA 110	Geology I Laboratory	1	
MEA 202	Geology II: Historical	3	
MEA 211	Geology II Laboratory	1	

Elective Courses

Select 6-7 credits		6-7
MEA 300	Environmental Geology	
MEA 369	Life on Earth: Principles of Paleontology	
MEA 409	Watershed Forensics	
MEA 410	Introduction to Mineralogy and Petrology	
MEA 411	Marine Sediment Transport	
MEA 440	Igneous and Metamorphic Petrology	
MEA 450	Introductory Sedimentology and Stratigraphy	
MEA 451	Structural Geology	
MEA 465	Geologic Field Camp	
MEA 466	Preparatory Course for Field Camp	
MEA 470	Introduction to Geophysics	
MEA 471	Exploration and Engineering Geophysics	
MEA 481	Geomorphology: Earth's Dynamic Surface	
MEA 485	Introduction to Hydrogeology	
MEA 493	Special Topics in MEAS ¹	
Total Hours		14-16

¹ Enrollment in special topics courses should be approved by the minor coordinator in advance to ensure they are appropriate and relevant to the minor.