

# Geoscience, Minor

## Requirements

The undergraduate minor in geoscience requires a minimum of 15 s.h. in earth and environmental sciences courses, including 12 s.h. in courses considered advanced for the minor offered by the Department of Earth and Environmental Sciences at the University of Iowa. EES:2410 Mineralogy, EES:2831 Geologic Field Methods, and all earth and environmental sciences courses numbered 3000 or above are considered advanced for the minor. Students must maintain a grade-point average of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass.

College-level courses in mathematics, physics, chemistry, and biology usually are required as collateral work for geoscience students. Those seeking a minor in geoscience should be sufficiently prepared in the areas of supporting sciences before they take advanced courses in geoscience.

Recommended advanced courses in earth and environmental sciences that deal with important areas of earth materials and earth processes are as follows.

Course #	Title	Hours
EES:2410	Mineralogy	4
EES:2831	Geologic Field Methods	3
EES:3020	Earth Surface Processes	3
EES:3060	Ecology and Natural History of Iowa	3
EES:3070	Marine Ecosystems and Conservation	3
EES:3080	Introduction to Oceanography	2
EES:3100	Earth and Planetary Remote Sensing	4
EES:3210	Principles of Paleontology	3
EES:3300	Sedimentary Geology	4
EES:3360	Soil Genesis and Geomorphology	3
EES:3380	Fluvial Geomorphology	3
EES:3390	Integrated Watershed Analysis	3
EES:3500	Igneous and Metamorphic Petrology	4
EES:3840	Structural Geology	4
EES:4490	Elements of Geochemistry	3
EES:4790	Applied Environmental Geology	3
EES:4800	Global Geophysics	3
EES:4820	Tectonics and Basin Analysis	3