

MINOR: GEOLOGY

Student Learning Outcomes

Students graduating from this program will:

- Students can describe three dimensional geometries of earth materials and processes.
- Students can analyze data to quantify geologic features and structures.

Academic minors are offered in geography (18 hours) and in geology (18 hours). At least nine of the hours needed for the minor must be taken at UMKC. The minor programs are sufficiently flexible to enable students with diverse backgrounds to choose relevant coursework from the department's offerings. The programs are structured to ensure that students gain an appreciation of the breadth of the minor field. The minor should be declared as early as possible, but not later than the beginning of the student's senior year. Up to eight hours of coursework may simultaneously count in both the major and minor areas, where applicable. This applies to majors and non-majors.

Minor in Geology

A minor in geology may be obtained with a minimum of 18 semester hours of coursework in this discipline (at least nine of which must be at the 300- and 400-level).

Code	Title	Credits
GEOLOGY 220 & 220L	General Geology and General Geology Laboratory	5
GEOLOGY 250L	Field Methods in Earth and Environmental Science	3
Elective Coursework Regularly Offered (but not limited to) Includes the Following:		10
GEOLOGY 313	Evolution and the Geologic Record	
GEOG 314	Principles of Geomorphology	
GEOLOGY 370R	Hydrogeology	
GEOLOGY 416	Understanding and Living with Volcanoes	
GEOLOGY 441	Environmental Geophysics	
GEOLOGY 456	Field Methods in 3D Imaging of the Environment	
GEOLOGY 460	Introduction to Geochemistry *	
GEOLOGY 472	Earthquake Geology	
Total Credits		18

Note: ENV-STDY 499WI does not count as credit in a minor program in geology.

* Prerequisite coursework may add hours to program completion if this course is selected.