



ENVIRONMENTAL GEOLOGY MINOR

The Environmental Geology minor provides students with a comprehensive understanding of how geological processes effect and are effected by human activities. It covers topics such as natural resource management, environmental hazards, and sustainable practices. This minor equips students to address real-world environmental challenges through the lens of geological science.

Required Courses (6-8 hours)

GEOL1121/1121L: Earth Processes and Environment, 3 or 4 hours

GEOL1122/1122L: Earth's History of Global Change, 3 or 4 hours

GEOL1250/1250L: Physical Geology, 3 or 4 hours

GEOL1260/1260L: Historical Geology, 3 or 4 hours

Elective Courses: Choose 3 (9 hours) OR Choose 2 (6 hours) + Research Option

GEOL4030: Agrogeology, 3 hours

GEOL4110: Principles of Geochemistry, 3 hours

GEOL4130: Aqueous Environmental Geochemistry, 3 hours

GEOL4220: Hydrogeology, 3 hours

GEOL4530: Principles and Environmental Applications of GIS, 3 hours

GEOL4550: Clay Mineralogy and Geochemistry, 3 hours

GEOL4620: Exploration Geophysics, 3 hours

CRSS(GEOL)4540: Pedology, 3 hours

CRSS(WASR)4660: Hydrogeochemical Characterization, 3 hours

ENVE4435: Natural Resources Engineering, 3 hours

ENVE4530: Energy and Environmental Policy Analysis, 3 hours

ENVM3060: Principles of Resource Economics, 3 hours

ENVM4800: Water Resources Economics and Management, 3 hours

Research Option:

One elective course can be replaced with a 3-hour research or senior thesis course.

15 total credit hours

WE ARE GEOLOGISTS