

# Engr 340: Engineering Geology

## [School of Engineering](#)

Introduction to properties and mechanics of earth materials: rock, soils and groundwater. Weathering and soil-forming processes. Geophysical methods. Hazards including mass wasting, subsidence, expansive soils, floods and earthquakes. Earth dams and dam foundations.

4 Credits

### Prerequisites

- [Chem 105: General Chemistry I](#) (Minimum grade: C)
- Co-Requisites: Phys 211 or Phys 213

### One-way corequisites

- [Math 262: Unified Calculus & Analytic Geometry II](#)

### Instruction Type(s)

- Lecture/Lab: Lecture/Lab for Engr 340

### Course Fee(s)

#### Geology 1

- \$195.00

### Subject Areas

- [Engineering, General](#)

