

## 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.

3 Credits

### Prerequisites

- [Phys 211: Physics for Science & Engineering I](#)
- [Math 262: Unified Calculus & Analytic Geometry II](#) (Minimum grade: C)
- [Chem 105: General Chemistry I](#) (Minimum grade: C)
- Co-Requisites: Phys 211 or Phys 213

### Instruction Type(s)

- Lecture/Lab: Lecture/Lab for Engr 340

### Course Fee(s)

#### Geology

- \$100.00

### Subject Areas

- [Engineering, General](#)

