

## **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**

- \$50.00

### **Subject Areas**

- [Engineering, General](#)

