

# 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

