

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

- [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

- \$125.00 for:
 - 2017-18: Fall, Second Fall, Winter, Spring, First Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August
- \$195.00 for:
 - 2018-19: Fall, First Fall, Second Fall

Subject Areas

- [Engineering, General](#)

