

# ERTH 130 : Geological Hazards

**Credits:** 3

**Class Hours:** 3 lecture

**Prerequisites:** Qualified for ENG 100.

**Description:** This introductory course covers the causes of, and effects from, earthquakes, tsunamis, volcanic eruptions, landslides, rockfalls, and other natural phenomena.

**Semester Offered:** Fall (every odd year), Spring (every odd year)

**Designation:**

Diversification: Physical Sciences – DP

**Course Student Learning Outcomes (CSLOs):**

1. Learn the ways potential natural hazards are observed and monitored.
2. Explain why it is hard to forecast or predict natural hazards.
3. Locate the dangerous places where these natural hazards have often occurred.
4. Demonstrate knowledge of what you and your community can do to prepare for natural hazards.
5. Explain the cause of natural hazards such as earthquakes, volcanoes, landslides, storms, waves, and meteor impacts.