

## Geol 517: Global Tectonics

### GEOLOGY & GEOLOGICAL ENGINEERING

This 3-credit course is designed to introduce students to the fundamental principles of plate tectonics, the driving forces and evolution of plate tectonics on Earth, and examine the magmatic, sedimentary metamorphic and geophysical characteristics of tectonic settings. Course material will focus on synthesis of data and concepts to understand theoretical and applied aspects of global tectonics and application of tectonic principles to addressing regional geological problems.

3 Credits

#### Prerequisites

- Pre-requisite: Geol 303 or Graduate Standing.

#### Instruction Type(s)

- Lecture: Lecture for Geol 517

#### Subject Areas

- [Geological and Earth Sciences/Geosciences, Other](#)

#### Related Areas

- [Geochemistry](#)
- [Geochemistry and Petrology](#)
- [Geology/Earth Science, General](#)
- [Hydrology and Water Resources Science](#)
- [Paleontology](#)

