

## **GEOL 250 The Solid Earth**

Instructor: Derek Schutt

### Course Description:

- The course will cover the primary observations and processes that serve as a basis for, and test of, plate tectonic theory as well as the structure, flow, and composition of the deep Earth. This material will be presented in the context of seismology, heatflow, gravity, and geomagnetism.

### Learning Outcome:

- A basic understanding of quantitative approaches to Earth Science problems.
- A basic understanding of how geophysics can be used to infer structures inside the Earth.
- Knowledge of deep earth structure and composition.