Program Student Learning Outcomes

College: Earth & Energy
Program: Geology, PhD

Graduates of the PhD in Geology program should be able to:

- Demonstrate scientific competence in the core discipline so they can become productive scientists in their chosen profession.
- Demonstrate a broad knowledge of the diverse field of Earth Sciences.
- Demonstrate technical skills in computer, laboratory and/or field measurements necessary to be productive scientists.
- Observe, measure, collect, and/or interpret data from field study, databases, experiments, and other sources of information.
- Apply the scientific method, and critically/creatively solve geologic problems.
- Communicate effectively in oral presentations and in written form, including the thesis or dissertation.
- Contribute to scientific knowledge, instruments or methods of analysis.