

# **GEOL 154 Historical and Analytical Geology**

Instructor: Sara Rathburn

## Course Description:

- This is an introductory course designed for students interested in learning the basic concepts of Earth history. The course incorporates information and tools necessary to unravel the history of Earth using a systems approach.

## Learning Outcomes:

- Become facile with the scientific method
- Memorize and apply the geologic time scale
- Understand biologic evolution as discerned in the rock record
- Evaluate plate tectonic changes throughout Earth's history
- Begin learning and applying sequence stratigraphy
- Communicate about geology
- Advance your field and spatial analysis skills.