THE CURRICULUM
Boone Pickens School of Geology is centered on:

- Interpreting the history of the Earth
- Discovering, recognizing and using natural resources to improve quality of human life
- Occupying the planet in a safer manner through awareness of events that continue to shape its surface

COURSES

- Physical and Historical Geology: History of Earth and internal and external processes
- Practical Mineralogy: Origin, properties and uses of minerals
- Igneous and Metamorphic Petrology: Occurrence, origin, and classification of igneous and metamorphic rocks
- Structural Geology and Tectonics: Deformation of Earth materials and origin of faults and folds
- Stratigraphy and Sedimentology: Survey of sedimentary rock types and feature
- Geochemistry, Geophysics, and Hydrology
- Petroleum Geology and Well Log Interpretation
- Field Methods in Geology (5 week field camp, Cañon City, CO)
- OSUTeach option available to pursue a geology degree with secondary teacher certification
OPPORTUNITIES FOR GEOLOGY STUDENTS

- Specialized teaching and research labs
- Participation in independent research projects, including:
  - Rift basins in Africa
  - Sedimentary basins of North America
  - The Caribbean and Bahamas to the Black Sea
- Student Organizations
  - Association of Women Geoscientists (AWG)
  - OSU Geological Society (OSUGS)
  - Student Chapter of the American Association of Petroleum Geologists (AAPG)
  - Society of Exploration Geophysicists (SEG)
- Study abroad opportunities
  - Botswana
  - Turkey
  - Bahamas
  - China
  - Malawi

CAREERS

The Boone Pickens School of Geology is confident our academic program, research areas, and student organizations prepare our students for the diverse, 21st century work environment.

OUR GRADUATES’ CAREERS

- Graduate School (Master’s degree is a working degree)
- Petroleum & Energy Industries
- Environmental Industry
- Academia and Governmental Agencies
- Environmental Geologist
- Geochemist
- Geomorphologist
- Geophysicist
- Hydrogeologist
- Mineralogist
- Paleontologist
- Petroleum Geologist
- Sedimentologist
- Seismologist
- Stratigrapher

MISSION

The Boone Pickens School of Geology strives to conduct cutting-edge geoscience research that applies to the understanding of energy resources, solid earth dynamics, and surface processes/climate dynamics. We aim to educate students about topics that impact our state, nation and the world through classroom interactions and independent research opportunities. Many of our graduates are accepted into a wide range of graduate and professional programs.

Visit our Finish-in-Four Plans at http://casstudents.okstate.edu/finish-in-four-plans