Research Equipment
Equipment available through Geosciences, Biology and Chemistry includes:

- laser induced breakdown spectrometer
- environmental scanning electron microscope / EDAX
- atomic absorption spectrometer
- Chromatograph - mass spectrometer
- newly equipped geoscience computing laboratory
- field-based thermal cameras and spectrometers
- petrographic equipment
- Hydrolab®
- and an assortment of specialized field and lab equipment
Degrees Offered

Bachelor of Science in Geosciences
Geology Track or
Environmental Sciences Track

Student Organizations

Our program supports the Epsilon Zeta Chapter of Sigma Gamma Epsilon, the National Honor Society for the Earth Sciences. Additionally, we support the MSU Geosciences Club. The club organizes field trips and other events and is open to students interested in geology and environmental sciences.

Mission Statement

The Geosciences Program provides students with a comprehensive education that prepares them for a variety of employment opportunities as well as graduate school. Degrees incorporate field and classroom experience, with courses that offer the most current technology, information, and research techniques available. Students graduate with skills that enable them to utilize equipment, think critically, and interact effectively.

Faculty Members

Dr. W. Scott Meddaugh
Robert L. Bolin Distinguished Professor of Petroleum geology, Reservoir characterization, geochemistry, and economic deposits.

Dr. Rebecca Dodge
Associate Professor; Geospatial technologies and geosciences education.

Dr. Jesse Carlucci
Assistant Professor; Paleontology and sedimentology, with a focus on trilobites and sequence stratigraphy.

Dr. Jonathan Price
Assistant Professor; Geochemistry and petrology (rock-forming processes), with a focus on plutonic and volcanic settings.

Dr. M. John Kocurko
Professor Emeritus

Ms. Lisa Black
Adjunct Professor, Petroleum Geologist, Quattro Oil and Gas

Career Opportunities

Many employment opportunities await students with an undergraduate degree in Geosciences, including those in the petroleum industry; in local, state, and federal government offices (U.S. Parks and Wildlife; U.S. Geological Survey, Texas Commission on Environmental Quality), and in private consulting firms.

Scholarship Opportunities

Through many generous donors, the Geosciences Program offers scholarships to full-time majors who maintain superlative grade point averages and matriculating freshmen with strong transcripts and test scores. Scholarships are renewable annually.