

**Geology BS**  
**2016-2017 Student Learning Outcomes**

<b>Outcome</b>		<b>Assessment Methods</b>
1	<i>Students will identify, describe, and classify minerals, rocks, fossils, structures, and strata; make scientific observations of these items in the field and in the laboratory; analyze observations and measurements in a scientifically sound manner.</i>	<i>Final exam</i> <i>Research paper</i>
2	<i>Students will summarize and explain the Earth's history, uniformitarian processes that shape the Earth, and the evolution of life as revealed in the fossil record.</i>	<i>Final exams</i>
3	<i>Students will analyze society's dependence on Earth resources, the interaction between human activities and the natural environment (including global climate change), and understand geological hazards.</i>	<i>Final exams</i>
4	<i>Students will apply geologic knowledge to the analysis to structural and stratigraphical problems in the field.</i>	<i>Class projects</i>