

# Earth, Energy, and Environmental Sciences - Geoscience Emphasis, B.S.

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## Earth, Energy & Environmental Sciences - Geoscience Emphasis Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Articulate the interdisciplinary nature of the issues related to geological, environmental, and energy sciences.
2. Formulate sustainable approaches to energy and earth science issues that integrate environmental, economic, and sociopolitical perspectives.
3. Distinguish between Earth's surface and deep energy sources and the processes they power and appraise how we depend on and harvest those energy resources to sustain our society.
4. Use appropriate methodological tools to analyze and address research questions in the earth, energy and environmental sciences.
5. Evaluate the effects of geologic time as they pertain to the interactive nature of and changes to Earth systems. (Geosphere, atmosphere, hydrosphere, and biosphere)