

# Bachelor of Science in Geological Sciences

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## Program Student Learning Outcomes

The curriculum of the UAA Geological Sciences program is designed to produce graduates who:

- Have a basic knowledge of the principles related to the geological sciences with either an emphasis in environmental geology or general geology.
- Have an understanding of how to think scientifically and apply their knowledge to solve geologic problems.
- Have sufficient competence to obtain employment as an entry-level geologist or environmental geologist, and be able to progress professionally within the discipline and are prepared for advanced study.
- Have a fundamental understanding of Alaskan geology and environmental problems in Alaska.
- Are able to communicate their ideas.
- Are prepared for and understand the need for continued professional development throughout their careers.

In keeping with the objectives, it is expected that graduates of the UAA Geological Sciences program will have:

- An ability to apply their knowledge of general geology and/or environmental geology.
- An ability to accept challenges and think through problems until they are solved.
- An ability to design and conduct projects that include field work, laboratory analyses and interpretation in their area of emphasis.
- Experience in field geology in Alaska.
- An ability to communicate effectively.
- A recognition of the need for, and ability to pursue, lifelong learning.