

Career Pathways

Education Level: B.S

A bachelor's degree in geoscience can prepare you for:

1. **Graduate school**, where you will specialize in a sub-discipline of the geosciences in preparation for mid-level or senior industry positions (M.S.), research positions (M.S. or Ph.D.) or professorships (Ph.D.)
2. **Jobs in a variety of sectors**, typically at entry-level, where you can apply the broad skills of a geoscience degree. Many graduates with a B.S. in geoscience will find jobs outside of the traditional geoscience roles, such as in communication, policy, or outreach.



B.S.

Broad education in geoscience.

Typically required for entry-level positions in the environmental geology industry, government, education, communication, and non-profit sectors.

*Can I work in the **petroleum or mining industry** with a B.S?*

Mining jobs tend to require at least a M.S. in economic geology. Oil company geologists working in exploration or research divisions are typically hired at the M.S. or Ph.D. levels.

Firms that contract with oil companies (e.g., GeoQuest software) may hire graduates with a B.S. for support work.

*Can I work in the **environmental geology industry** with a B.S?*

Environmental geology is a broad industry that frequently hires graduates with a B.S. or M.S. Salary and advancement will vary with educational level.

Explore the Industry jobs tabs to learn more about employment opportunities for graduates with a B.S.

*Can I work in **K-12 education** with a B.S?*

A geoscience degree provides a strong science background for teaching at a public or private school. Additional teaching certification(s) may be required for these positions.

Explore the Education jobs tab to learn more about employment opportunities for graduates with a B.S.

*Can I work in **government or a non-profit organization** with a B.S?*

Graduates with a B.S. are likely to be hired for government or non-profit positions such as environmental planning, hazard assessment, public outreach, and more.

Explore the Government and Non-profit jobs tabs to learn more about employment opportunities for graduates with a B.S.