

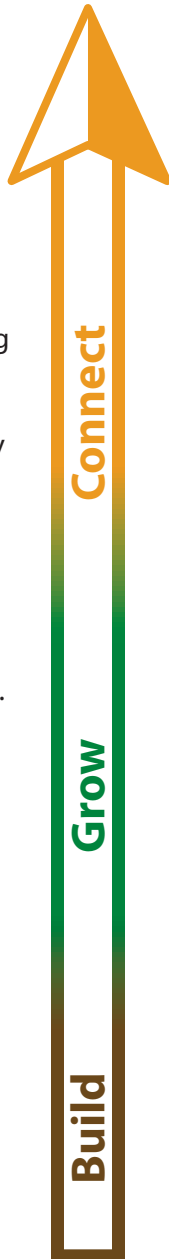


This career compass provides options, tips, suggestions, and strategies for how a student can obtain critical skills, experiences, and competencies in order to launch their geoscience career based on their academic standing. The content herein is based on data from the U.S. Bureau of Labor Statistics, interviews with personnel in the occupation, and research on available student opportunities.

## Job Summary

A science communicator is responsible for communicating technical science in plain and accessible language to broad audiences. Their roles primarily fall into several areas such as science writer for a news outlet, communications staff on behalf of an organization, university, or agency, or a trainer to help fellow scientists more effectively communicate.

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## Undergraduate

- Clubs, student government, or geoscience professional societies
- Hone skills through courses, community involvement, and conference presentations, public talks, talk to non-scientists about science
- Share your work via social media and blog posts
- Write op-eds/letters to editors
- Workshops, webinars, science communication training (e.g. AGU Sharing Science)
- Geoscience professional society conference; science communication training
- Professional societies, think tanks, non-profits, newspapers, multimedia, magazines, for profit companies, national labs, etc.
- Degree in any science, journalism, or communications
- Courses with extensive writing in science major, course work in science if journalism or communications major
- Write senior thesis if science major
- Research and field experience if science major

Also applicable at Graduate and Ph.D. level

Also applicable at Graduate and Ph.D. level

Also applicable at Graduate level

## Graduate/Master's

- Departmental committee, clubs, student government, or geoscience professional societies
- Geoscience professional society conference
- Events, activities, and technical sessions at professional society conference
- Present research at conference
- Publish research
- AAAS Mass Media Fellowship
- NOAA's Knauss Fellowship, Marine Science Policy
- Sea Grant Graduate Fellowships
- Give public talks, talk to non-scientists about your science
- Master's thesis related to your science research

Also applicable at Ph.D. level

Also applicable at Ph.D. level

Also applicable at Ph.D. level

## Ph.D./Post-doc

- Departmental committees, geoscience professional society
- AAAS Science & Technology Policy Fellowship
- National Academies Mirzayan Science & Technology Policy Fellowship
- Geological Society of America Science Communication Fellowship
- Degree in any science
- Courses with extensive writing if science major, course work in science if journalism major
- Dissertation topic(s) related to your science

