



# What Can I Do With a Major In..... Geology



## Potential Employment Areas and Examples

Petroleum:	Exxon Mobil, Shell Oil
Engineering:	Hydro GeoLogic, Inc.
Environmental Firms:	AECOM
Mineral Companies:	Martin Marietta Materials
Government:	NOAA, Dept. of the Interior, National Park Serv.
State Surveys:	California Geological Survey
Consulting Firms:	GEC Environmental Consulting, Environ

## Possible Job Titles

Seismologist	Oceanographer
Cartographer	Paleontologist
Meteorologist	University/College Professor
Volcanologist	Hydrogeologist
Geographic Information Systems Technician	

## Local Schools and Degree Offerings

<b>CSUN:</b>	B.S. Geology
<b>CSULA:</b>	B.S. Geology, B.S. Geological Sciences
<b>UCLA:</b>	B.S. Geology/Engineering Geology B.S. Geology/Paleobiology B.S. Geophysics/Applied Geophysics
<b>UCSD:</b>	B.S. Earth Sciences – Geology

### Additional Info can be found at:

- **Comprehensive Occupational Information:** [online.onetcenter.org](http://online.onetcenter.org)
- **Pierce College Career Center Website:** [www.piercecollege.edu/offices/career\\_center](http://www.piercecollege.edu/offices/career_center)
- **Pierce Geology Faculty Contact - John Zayac:** <http://faculty.piercecollege.edu/zayacjm/>
- **The Geological Society of America:** [www.geosociety.org/](http://www.geosociety.org/)
- **Geology Career Info:** [www.careercornerstone.org](http://www.careercornerstone.org), choose Science Option, then Geosciences

This is general information. For specific information on majors and careers please see a counselor in the Career/Transfer center.

# How This Major Helps You Move Forward:

## *Skills Learned in this Major that Employers Want:*

- Understanding of the Relationships Between Humans and Geological Processes
- Ability to Reason and Analyze Data
- Knowledge of Mineral, Energy, Soil and Water Resources
- Ability to Interpret Topographical and Geologic maps
- Ability to Identify Rocks and Minerals

## *Related Transfer Majors:*

- Anthropology
- Engineering
- Geography
- Earth Sciences
- Physics
- Oceanography

## *Graduate Degree Options:*

- Geosciences MS
- Earth and Planetary Science  
MA/MS/Ph.D.
- Hydrologic Science MS/Ph.D.
- Geochemistry MS/Ph.D.
- Geophysics and Space Physics MS

## *Graduate Exam Prep:*

GRE