

What Can I Do With This **Ohio State** Major?

Bachelor of Science and Bachelor of Arts

Earth Sciences

College of the Arts and Sciences

Earth sciences concern the Earth's entire physical makeup and the history of the physical and biological events that occurred within and upon it over the past four and a half billion years. Earth scientists are curious about the whole Earth, from its ancient past to its present and future, and they use the tools of chemistry, physics, biology, mathematics, and other sciences to study the Earth, its oceans, and its atmosphere.ⁱ

Career Areas/Job Titles:

Science and Technology

Mineralogist
Structural Geologist
Sedimentologist
Geophysicist
Geochemist
Geomicrobiologist
Planetary Geologist
Glaciologist
Paleontologist
Stratigrapher
Volcanologist

Oceanographer
Economic Geologist
Hydrogeologist
Environmental Geologist
Seismologist
Engineering Geologist
Cartographer
Education
Researcher
Laboratory Technician
K-12 Math/Science Teacher
Professor

Management and Industry

Petroleum Engineer
Drilling Technician
Alternative Fuels Engineer
Science Writer
Government/Politics
Climate Change Specialist
Policy Advisor
Museum Curator/Educator

**Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

Transferable Skills:

Chemistry Focus	Data Analysis	Developing Evaluation
Technology Skills	Teamwork	Strategies
Conceptualization	Analytical/Critical Thinking	Judgment & Decision Making
Experimental Design	Written Communication	Attention to Detail
Forecasting/Predicting	Research skills	

**This is not an extensive list of transferable skills. See larger list of skills you might develop here:*

<http://ccss.osu.edu>

Professional Links:

Occupational Outlook Handbook: [Geoscientists and Hydrologists](#)
Association for Women Geoscientists: <http://www.awg.org/index.html>
American Geological Institute: <http://www.agiweb.org/index.html>
American Association of Petroleum Geologists: <http://www.aapg.org/>
Paleontological Research Institute: <http://www.priweb.org/ed/ol/careers.html>
U.S. Geological Survey: <http://www.usgs.gov/>
Environmental Protection Agency: <http://www.epa.gov/>