

WHAT CAN I DO WITH A MAJOR IN EARTH SCIENCE

CAREER INFORMATION FOR MAJOR IN EARTH SCIENCE

This handout provides sources of career information for **Earth Science Majors**. There are different career options available in the field of **Earth Science**. Below is a sample of some of the types of positions for graduates with major in **Earth Science**. Please note that you might require further education and experience for some positions.

SKILLS DEVELOPED BY EARTH SCIENCE STUDENTS

- Communication skills
- Research skills; data collection; process and synthesize, define research problems; develop research models and proposals
- Conducting field observations and taking appropriate measurements
- Analytical and critical thinking
- Organizational
- Project Management
- Surveying and sampling
- Problem solving skills
- Data, time and resource management
- Proficiency in mathematics; mathematical modeling
- Use technical instruments
- Computer skills
- Assessment and evaluation
- Quantitative/ Statistical Analysis
- Observation and Documentation skills

CAREERS IN EARTH SCIENCE

- Agrogeologist
- Climatologist
- Ecologist
- Energy Policy Program Manager
- Environmental Consultant
- Environmental Geologist
- Environmental Program Manager
- Environmental Scientist
- Forester
- Geochemist
- Geodynamicist
- Geographer
- Geologist
- Geologist Land Surveyor
- Geomorphologist
- Geophysicist
- Health Inspector
- Hydrogeologist
- Hydrologist
- Industrial Waste Inspector
- Investment Advisor
- Landscape/Nursery Manager
- Lawyer
- Lobbyist
- Micro-paleontologist
- Mine Geologist
- Mineralogist
- Mining Consultant
- Mining Engineer
- Oceanographer
- Paleontologist
- Petroleum Engineer
- Petroleum Geologist
- Planetary Geologist
- Pollution Remediator
- Professor Soil Assessment Technician
- Researcher
- Science Museum Educator
- Science-Based
- Scientific Photographer
- Sedimentologist
- Seismologist
- Soil Scientist
- Stratigrapher
- Systems Technician
- Volcanologist
- Waste Disposal Specialist
- Waste Management Specialist
- Water Quality Control Technician
- Water Remote Sensing Interpreter

EMPLOYERS WHO HIRE EARTH SCIENCE GRADUATES

- Consulting Firms – Geological Consulting
- Federal Government
- Provincial Government
- Federal Government Agencies
- Geophysics and Engineering Firms
- Environmental Firms
- Research Institutes
- Educational Institutions
- Mining and Petroleum Companies

EARTH SCIENCE JOBS

Geology, Geoscience and Earth Science Jobs
www.earthworks-jobs.com/acad.htm

Earth Sciences Canada
<http://www.earthsciencescanada.com/careers/>

Environmental Careers Organization www.eco.ca

SciencesCrossing
www.sciencescrossing.com/.../SciencesCrossing-Earth-S... - United State

EARTH SCIENCE ASSOCIATIONS

Geoscientists Nova Scotia
[www.geoscientists ns.ca](http://www.geoscientists.ns.ca)

Canadian Federation of Earth Sciences
www.geoscience.ca

Geological Association of Canada
www.gac.ca

Canadian Geotechnical Society
www.cgs.ca

RESOURCES FOR EARTH SCIENCE STUDENTS

University Programs
<http://www.universitystudy.ca/search-programs/>
Search for undergraduate, masters, and PHd programs in Canada