

What can I do with my studies in Earth & Planetary Sciences

Depending on my interests and experience, possible job titles:

- Petroleum Chemist
- Geologist
- Geophysicist
- Hydrogeologist
- Physical Oceanographer
- Soil Scientist
- Physical Sciences Laboratory
- Technician Geomatics Technologist – Surveying
- Land Survey Technologist
- Geographic Information Systems Technician
- Hazardous Waste Inspector
- Pollution Control Inspector
- Geographer
- Researcher

The information in this handout will provide you with ideas as to some typical careers/jobs that are associated with your degree, along with alternative careers that may not be as directly related to what you have studied. This by no means implies that these jobs are the only options you have. These careers are just samples of what you can do if you have the appropriate skills and experience.

Try searching for the job titles shown on this page at either jobbank.gc.ca or careercruising.com, where you'll find career descriptions, profiles and job outlooks (login details for Career Cruising available by contacting CAPS).

Possible job titles outside my area of study:

Business

- Management Consultant
- Benefits Officer
- Marketing Specialist / Representative
- Quality Control / Quality Assurance Specialist
- Public Relation Consultant
- Market Researcher
- Recruiter
- Human Resources Specialist
- Job Analyst
- Actuary
- Investment Advisor
- Entrepreneur / Venture Capitalist

If you're feeling a bit lost and you're curious about your future career options, we encourage undergrads to register for the [Undergrad Hive](#) career exploration program. Feel free to come by the CAPS office to make an appointment with a career advisor to discuss your career options and job search strategies.

Communications

- Writer / Editor
- Reporter
- Journalist
- Broadcaster
- Publisher
- Technical Writer
- Executive Producer
- Web Developer

Education

- Academic Advisor
- Educator / Trainer
- Informal Science Educator
- Scientific Illustrator

Other

- Patent Agent
- Informatics Specialist Technology
- Transfer Officer
- Policy Analyst

With additional education/ training or experience:

- Resource Economist
- Astronomer
- Geophysicist
- Geologist
- Seismologist
- Ecologist
- Mining Engineer
- Urban Planner
- Cartographer
- Professor

Associations & Websites:

- American Association of Petroleum Geologists
<https://www.aapg.org>
- American Astronomical Society – Planetary Sciences
<https://dps.aas.org/>
- American Geological Institute
<https://www.americangeosciences.org/>
- American Physical Society Careers
<https://www.aps.org/>
- Association for Women Geoscientists
<http://www.awg.org/>
- Canadian Association of Physicists (CAP)
<https://www.cap.ca/>
- Canadian Society of Exploration Geophysicists
<https://cseg.ca/>
- Canadian Society of Petroleum Geologists
<https://www.cspg.org/>
- Geological Society of America
<http://www.geosociety.org/>
- Planetary Society
<http://planetary.org/>
- Physics and Astronomy Online
<http://www.physlink.com/>
- Society of Exploration Geophysicists
<https://seg.org/>
- YES Network
<http://www.networkyes.org/>

Related Skills

- Interpersonal communication (oral and written)
- Engage in ethical practice
- Surveying and sampling
- Problem solving
- Able to observe, analyse, & interpret information
- Decision making
- Concern for and sensitivity to others
- Establish control designs
- Critical and inferential thinking
- Define research problems
- Review scientific literature
- Observe data
- Develop and write research proposals
- Be familiar with current environmental laws
- Identify and classify materials
- Measure's distances/ relationships
- Technical reports
- Evaluate ideas
- Field sampling
- Use laboratory equipment
- Assess risks
- Define problems

Areas of Employment:

- Atmospheric Environment Service
- Metallurgical Industry
- Non-Governmental Agencies
- Environmental Agencies
- Computer Manufacturers
- Engineering Firms
- Entrepreneur Geophysics Firms
- Research Firms
- Pollution and Waste Management Firms
- Geotechnical or Industrial Laboratories
- High Tech Companies
- Hydroelectricity Companies
- Market Research Companies
- Mining and Petroleum Companies
- Military
- Educational Institutions / Universities