What can I do with a Major in Environmental Science?

Skills Developed

- Ability to Assess Risk
- Attention to Detail
- Communication
- Computer Competency
- Conceptualize & Understand Situations
- Curious & Self-Motivated
- Cultural Awareness
- Data Collection
- Fieldwork Skills
- Independent Thinker
- Laboratory Techniques
- Logical Thinker
- Physically Fit
- Research Skills
- Societal Awareness & Sensitivity
- Work independently

Work Environments

A career in Environmental Science will provide you with an exciting, thought-provoking role that promotes sustainability. Graduates of this program typically work in industries/organizations such as agribusiness, environment protection agencies, nature conservancies, occupational safety and health administration, environmental research laboratories and testing labs, agricultural or environmental consulting firms, privately owned farms, waste management firms, nonprofit organizations, pharmaceutical industries, hazardous waste management firms, treatment plants, utilities and timber companies, marine sport fisheries, zoological parks, national parks, wildlife ranges and preserves, marinas, federal and provincial governmental organizations, universities and research institutes, scientific journals, law firms and market research companies.

Key Areas of Specialization: Environmental Impact Assessment, Soil Remediation, Renewable Resource Management, Air/Water Quality Research, Environmental Protection, Wildlife Research, Environmental...
Consultancy, Irrigation, Environmental Education/Interpretation, Fisheries, Horticulture, Conservation, Ecology

### Entry Level Job Titles

These jobs are normally intended for new graduates and require 0 to 2 years of experience. It is important to note that many entry level positions require some related experience or demonstrated ability to perform job-related tasks. Even those positions that do not require experience will still prefer an experienced candidate, if one is available.

- Animal Care Internship
- Animal Care Technician
- Entry Level Environmental & Regulatory Specialist
- Environmental Remediation Technician
- Environmental Specialist
- Junior Air Quality Engineer/Scientist
- Junior Environmental Technician/Engineer/Scientist
- National Park Services Intern
- Nature Internship
- New Farm Intern
- Water Stewardship Officer

**Note:** The U of L offers various resources and programs to facilitate students in gaining work and volunteer experience. Find an entry level position on the CES job board or join the Management or Arts & Science Cooperative Education Programs. Summer jobs, part-time work, internship positions and volunteer experience help students to enhance their skillset and accumulate work experience for their future career.

### Related Job Titles

These jobs generally require extensive, relevant work experience and/or further education.

- Agricultural Engineer
- Agricultural Scientist
- Agricultural Technician
- Air Pollution Analyst
- Air Quality Engineer
- Air Quality Specialist
- Alternative Energy Specialist
- Aquatic Scientist
- Archaeologist
- Biochemist
- Biomedical Engineer
- Biostatistician
- Climatologist Specialist
- Conservation Officer
- Conservationist
- Director of Conservation
- Earth Scientist
- Ecologist
- Environment & Health Technician
- Environment Educator
- Environmental Activist
- Environmental Advocate
- Environmental Affairs Manager
- Environmental Analyst
- Environmental Assessment Lead Project Manager
- Environmental Cleanup Technician
- Environmental Consultant
- Environmental Engineer
- Environmental Film Maker
- Environmental Health Officer
- Environmental Impact Assessment officer
- Environmental Planner
- Environmental Policy Manager
- Environmental Sanitarian
- Environmental Scientist
- Environmental Specialist
- Environmental Technician
- Fish & Wildlife Officer
- Fisheries and Aquatics Specialist Lead Project Manager
- Forester
- Geneticist
- Health Safety Consultant
- Horticulturist
- Industrial Environmental Manager
- Intermediate Environmental Planner
- Intermediate Waste Management Engineer
- Landscape Planting Crew Leader
- Life Scientist
- Meteorologist Analyst
- Microbiologist
- Organic Farming and Gardening Internship
- Organic Grower/Educator
- Park Superintendent
- Policy & Decision Analyst – Environmental Commissioner
- Pollution Control Analyst
- Pollution Control Engineer
- Research Assistant, Architectural Ecology
- Research Technician
- Restoration Coordinator
- Risk Assessment Specialist
- Toxicologist

July 2014
Thinking Outside the Box: Other Possible Job Titles

On average, people change their careers three to five times in their lifetime. So, no matter what major you choose, you may still be interested in opportunities totally unrelated to your program of study. We encourage you to be open to all possibilities! Your undergraduate degree can be a springboard for other educational pursuits, and your transferable skills and experience can prepare you to work in a multitude of settings.

• Agronomist
• Building Inspector
• Business Development Manager
• Career Development Professional
• Chemical Laboratory Analyst
• City Planner
• Communication Specialist
• Community Planner
• Computer Programmer
• Data Miner
• Eco Tour Specialist
• Economist
• Environmental Lawyer
• Exhibit Director
• Farm Manager
• Farmer Market Manager
• Foreign Service Officer
• Forensic Scientist
• Forester
• Geo-database Product Engineer
• Geochemist
• Geographer
• Geographic Data Analyst
• GIS Technician
• GIS Sales Specialist
• Human Resources Professional
• Immigration Officer
• Insurance Claim Adjuster
• Intelligence Agent
• International Business Representative
• Land Use Planner
• Licensed Surveyor
• Lobbyist
• Manager/Owner of Surveying Business
• Merchandising Representative
• Mining Engineering Technician
• Office Manager
• Park Planner
• Photojournalist
• Police Officer
• Private Investigator
• Project Manager
• Property Manager
• Public Consultant
• Public Relation Representative
• Reporter
• Statistican
• Technical Assistant
• Technical Writer
• Tour Director
• Urban Planner
• Volunteer Coordinator
• Webmaster
• Wildlife Manager
• Writer/Author/Editor

Useful Resources

Recommended websites to assist in exploring the field of Environmental Science and its career opportunities.

Environmental Services Association of Alberta
http://www.esaa.org

Alberta Conservation Association
http://www.ab-conservation.com/

Environmental Canada
http://www.ec.gc.ca

Society of Toxicology of Canada (STC)
http://www.stcweb.ca

Canadian Environmental Network
http://rcen.ca/

Canadian Council of Ministers of the Environment
http://www.ccme.ca/

Canadian Environment Assessment Agency
https://www.ceaacee.gc.ca/

Canadian Environmental Certification Approvals Board
http://www.cecab.org

Canadian Centre for Pollution Prevention
http://c2p2online.com/
Eco Canada – Environmental Careers Organization  
[http://www.eco.ca/](http://www.eco.ca/)

American Association for the Advancement of Science  

Earth Sciences Canada  

National Association of Environmental Professionals  

Environmental & Science Engineering Magazine  

The Canadian Ecology Centre  
[http://www.canadianecology.ca/](http://www.canadianecology.ca/)

World Environment Center  

Ecology Society of America  
[http://www.esa.org/](http://www.esa.org/)

Canadian Environmental Law Association  
[http://www.cela.ca](http://www.cela.ca)

Commonwealth Forestry Association  
[http://www.cfa-international.org/](http://www.cfa-international.org/)

### Campus Resources

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<th>Accommodated Learning Centre</th>
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<th>Career Counselling (Counselling Services)</th>
<th>International Centre for Students</th>
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<th>Registrar Office &amp; Student Services</th>
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<th>Native Student Advising</th>
<th>Scholarship &amp; Students Finance</th>
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<th>Student Success Centre – Study Skills, Learning Strategies &amp; Tutoring</th>
<th>U of L Students’ Union &amp; Student Clubs</th>
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### Campus Job Resources

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<tr>
<td><a href="http://www.uleth.ca/ross/ces/job-board">CES Job board</a></td>
<td><a href="http://www.uleth.ca/management/co-op">http://www.uleth.ca/management/co-op</a></td>
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**Career & Employment Services (CES)**  
CES assists U of L students and graduates with their career exploration and work search needs.  
AH154 Anderson Hall, Phone: 403-329-2000  
Mon- Fri: 9:00 a.m. to 12:00 p.m.; 1:00 p.m. to 4:00 p.m.

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