Environmental science creates and applies knowledge and attitudes from many different disciplines related to the changes in our natural and human environment.

**Key Skills & Knowledge**

**Critical and analytical thinking** - Collect and synthesize large quantities of data; Creative thinking; problem solving skills; decision making

**Qualitative, quantitative and field research skills** - Surveying, sampling and statistical analysis; Solve problems and find solutions; Experience with fieldwork techniques; Assess risk within the environment

**Oral and written communication skills** - Presenting and communicating technical and scientific data and ideas clearly and articulately to both the scientific and non-scientific communities using current technology; Scientific and technical writing; Memorize large amounts of information

**Organization and attention to detail** - Independent worker, ability to meet deadlines; Demonstrate precision and accuracy in data collection and observation; Data, time and resource management

**Sample Job Titles**

- Business Development Analyst
- City Planner
- Conservation Analyst/Officer
- Conservationist
- Corporate Spokesperson
- Ecologist
- Education Programs Coordinator
- Employment Relations Officer
- Environmental Advisor/Auditor
- Environmental Ethicist
- Environmental Impact Assessor/Officer
- Environmental Planner
- Environmental Policy Analyst
- Environmental Protection Officer
- Environmental Risk Assessor
- Environmental Scientist
- Environmental Technician
- Fish & Wildlife Officer
- Forestry Technician
- Hydrologist
- Interpretive Naturalist
- Land Developer/Planner
- Market Research Analyst
- Natural Resource Policy Analyst
- Outdoor Guide
- Park Ranger
- Policy Analyst
- Public Education Officer
- Resource Management Specialist
- Safety Environmental Coordinator
- Soil Scientist
- Surveyor
- Sustainability Consultant
- Teacher/Professor
- Urban/Regional Planner
- Waste Reduction Coordinator
- Water Quality Analyst

*Some of these roles may require further training, certification or education. Check out the Alberta Government’s occupational profiles for salary info and more detail: alis.alberta.ca/occinfo*

*Need help deciding what to do? Formal Career Assessments like the Strong Interest Inventory and the Myers Briggs Type Indicator can be helpful tools for your career development. Request an assessment via CareerLink*
Associations provide an opportunity for continued professional development. Many also offer networking opportunities and other events for their members.

- Air & Waste Management Society: [www.awma.org](http://www.awma.org)
- Alberta Society of Professional Biologists (ASPB): [www.aspb.ab.ca](http://www.aspb.ab.ca)
- Alberta Conservation Association: [www.ab-conservation.com](http://www.ab-conservation.com)
- Alberta EcoTrust Foundation: [www.albertaecotrust.com](http://www.albertaecotrust.com)
- Alberta Environmental Network: [www.aenweb.ca](http://www.aenweb.ca)
- Canadian Environmental Law Association: [cela.ca](http://cela.ca)
- Canadian Network for Environmental Education and Communication: [www.eecom.org/](http://www.eecom.org/)
- National Association for EHS Management: [www.naem.org/](http://www.naem.org/)
- National Environmental Health Association: [www.neha.org/index.shtml](http://www.neha.org/index.shtml)
- National Registry of Environmental Professionals: [www.nrep.org/](http://www.nrep.org/)
- United Nations Environment Program: [www.unenvironment.org](http://www.unenvironment.org)

### Potential Industries

- Agricultural
- Analysis/Forecasting
- Banks/Credit Unions
- Economic Research Institutions
- Education
- Environmental NGOs
- Environmental Protection Agencies
- Government
- International Trade Companies
- Labour Unions
- Market Research
- Newspapers & Magazines
- Oil & Gas
- Post-Secondary
- Statistical Research Firms
- Transportation Companies
- Trust Companies
- Utility Companies

### Associations & Professional Development

#### Career Services

**YOUR FUTURE STARTS HERE**

- Career Planning
- Job Search Support
- Resume Reviews
- Career Workshops
- Online Job Postings
- Career Fairs
- Networking Events
- Information Sessions & much more!

**Connect with us:**

- MacEwan Student Centre, Room 188
- T: 403.220.8020
- E: csstdnt@ucalgary.ca
- CareerLink: [ucalgary.ca/careers](http://ucalgary.ca/careers)

**Job Boards**

- Indeed: [https://ca.indeed.com/](https://ca.indeed.com/)
- Science Careers: [jobs.sciencecareers.org/](http://jobs.sciencecareers.org/)
- Eco Canada: [eco.ca](http://eco.ca)
- EarthWorks-Job: [earthworks-jobs.com/](http://earthworks-jobs.com/)
- GoodWork.ca: [goodwork.ca](http://goodwork.ca)
- LinkedIn: [www.linkedin.com](http://www.linkedin.com)
- CareerLink: [careerlink.ucalgary.ca](http://careerlink.ucalgary.ca)

**Additional Resources**

- Careers for Environmental types & Others Who Respect the Earth, Michael Fasulo
- Great Jobs for Environmental Studies, Julie DeGalan
- Green Jobs: A Guide to Eco-Friendly Employment, A. Bronwyn Llewellyn
- Career Opportunities in Conservation and the Environment, Paul R. Greenland

**Faculty Contact**

Energy Environment Experiential Learning 445
T: 403.220.8600
E: [ensc@ucalgary.ca](mailto:ensc@ucalgary.ca)
W: [ucalgary.ca/ensc/](http://ucalgary.ca/ensc/)

**Student Clubs**

Environmental Science Students’ Association
[scubs.orgsync.com/org/environmentalsciencestudentsassociation52445/home](http://scubs.orgsync.com/org/environmentalsciencestudentsassociation52445/home)

**Aligned Majors:**

- Chemistry, Ecology, Earth Sciences