

Environment & Conservation, Bachelor of Science

If you have a special interest in the natural world, if you are concerned about the exploitation of resources, pollution, and global warming, if you feel you would like to participate in developing solutions to environmental problems but are not quite sure where to begin, Environmental Science may be the program of choice for you. Protection of the environment, its plants and wildlife, and the effects of pollution on human health are burning issues. They may be as local as the planning of a pipeline or as broad-ranging as global climate change.

Environmental scientists are key participants in the risk assessments associated with environmental concerns—ones that typically include a combination of biology, chemistry, geology (earth sciences), and geography.

What you can be with your Environment & Conservation, Bachelor of Science Degree:

Agronomist #2123	Agricultural Consultant #2123	Agricultural Representative #2123	Agricultural Soil and Crop Specialist #2123
Agriculturist #2123	Conservation Officer #2224	Crop Specialist #2123	Farm Management Consultant #2123
Field Service Agent #2123	Grower's Advisor #2123	Naturalist #2121	Agrologist #2123
Energy Policy Analyst #4161	Environmental Education Specialist #4161	Environmental Lobbyist #4161	Environmental Impact Analyst #4161
Environmental Consultant #4161	Fisheries Analyst #4161	Natural resources Policy Analyst #4161	Program Officer, Natural and Applied Science #4161
Recycling or Waste Management Coordinator #4161	Scientific Consultant #4161	Science Writer #4161	Supervisor, Environment Program Development #4161
Geographer #4169	Agricultural Economist #4162	Energy Economist #4162	Economic, Natural Resources #4162
Economic Policy Analyst #4162	Community Social Development Officer #4164	Housing Policy Analyst #4164	Social Services Planner #4164
Forest Resource Technician #2223	Logging and Forestry Supervisor #8211	Natural Resource Officer #2224	Park and Wildlife Naturalist #2121
Range Conservationist #2221	Resource Conservation Specialist #2223	Wildlife Specialist #2121	Range Manager #2223
Home Energy Auditor	Solar Panel Installer	Wind Turbine Maintenance Technician	Research Analyst, Health Policy #4165
Social Policy researcher #4164	Consumer Advisor #4164	Aboriginal Issues Lobbyist #4164	Clean Transportation Analyst

This career/job listing is only a sample of the possible career options; these are certainly not the only career/job options accessible with this degree/diploma. Some of the careers listed require further education.

For career information, enter the four digit number listed below in the Alberta Learning Information Services Website (www.alis.alberta.ca) or the National Occupational Classification Website (<http://www5.hrsdc.gc.ca/NOC/>).

RDC Career Services can help you explore your interests, identify your goals, discuss your career options and job search strategies and discover how to make the most of your education. Email or give us a call to connect with a career counsellor.

RDC Department Information: Environment & Conservation, Bachelor of Science
rdc.ab.ca/programs/sciences

With additional education I could be a:

Agricultural Technician #2221	Air/Water Quality Analyst	Biochemist #2112	Biologist #2121
Biotechnologist	Botanist #2121	Cartographer #2244	Chemist #2112
Civil Engineer #2131	Climatologist #2114	Earth/Soil Technician	Endangered Species Biologist
Forest Ranger #2224	Geographer #4169	Geologist #2113	Hydrologist #2113

Potential employers:

Aboriginal Affairs	Consulting Firms	Educational Institutions	Government
Architectural Firms	Wildlife Ranges	Scientific Foundations	Utility Companies
Engineering Firms	Mining Firms	Conservation Agencies	National Park Services

Major Skills Obtained from Environment & Conservation, Bachelor of Science Degree Program

- Attention to details
- Analyze data
- Apply knowledge creatively
- Define problems
- Assess risks
- Maintain precision and accuracy
- Inform and explain
- Summarize research findings
- Applying logic to problems
- Evaluate data and results
- Gather information
- Organize and report data
- Perceiving patterns & structures
- Apply concepts
- Utilizing formulas
- Use laboratory equipment
- Computer literacy
- Technical writing

Professional Associations and Sites of Interest

Environmental Careers Organization - www.eco.org
 Environmental Protection Agency - www.epa.gov
 National Association of Environmental Professionals - www.naep.org
 Ecological Society of America - www.esa.org
 Canadian Centre for Pollution Prevention - www.c2p2online.com
 Canadian Environmental Network - www.cen-rce.org
 Conservation through Collaboration - www.ab-conservation.com

Society for Conservation Biology - www.conbio.org
 World Environment Center - www.wec.org
 Alberta EcoTrust Foundation - www.albertaecotruster.com
 Federation of Alberta Naturalists - www.fanweb.ca
 Canadian Wind Energy Association (CanWEA)
 Canadian Solar Industries Association (CanSIA)