

WHAT CAN I DO WITH A MAJOR IN ENVIRONMENTAL SCIENCES

CAREER INFORMATION FOR MAJOR IN ENVIRONMENTAL SCIENCES

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

SKILLS DEVELOPED BY ENVIRONMENTAL SCIENCES STUDENTS

- Collect and preserve field organisms
- Dissecting preserved specimens
- Conduct journal research
- Read and comprehend scientific journals
- Evaluate the validity of research articles, scientific websites, etc.
- Utilize logical reasoning to interpret results/data derived from scientific experimentation
- Use computer programs including excel and PowerPoint to manipulate and display data
- Document observations from experiments
- Organize research ideas and information into comprehensive reports
- Support scientific findings by writing literature reviews of journal articles
- Create graphs to visually represent data
- Use various visual aids including overhead projectors, computers and posters to conduct oral presentations on research findings
- Successfully managed multiple priorities during peak times during the academic year
- Influencing and persuading people/groups
- Understanding of community needs
- Computer literacy
- Decision making
- Listening critically
- Defining quality
- Conveying complex information
- Presenting theories/ideas
- Accurately follow laboratory protocols with attention to detail
- Maintain laboratory equipment
- Comply with quality control procedures while conducting experiments
- Demonstrate an understanding of safety regulations
- Applying statistical packages to data to test for significance
- Interact professionally with a multidisciplinary team of researchers, technicians, students and professors
- Organizing information/materials
- Decision making
- Leadership abilities

CAREERS IN ENVIRONMENTAL SCIENCES

- Environmental Epidemiologist
- Ecologist
- Environmental Auditor
- Environmental Health Officer
- Water Quality Inspector
- Environmental Quality
- Environmental Marketing Specialist
- Public Relations Specialist
- Recycling Manager
- Hazardous Waste Material Manager
- Waste and Water Resource Specialist
- Eco-tourism Planner
- Environmental Engineer
- Teacher/Professor
- Air Quality Specialist
- Soil Scientist
- Urban Planner
- Park Naturalist
- Conservation Officer
- Environmental Activist/Lobbyist
- Fundraiser, Environmental

CAREERS IN ENVIRONMENTAL SCIENCES

- Analyst
- Environmental Risk Assessor
- Water Treatment Plant Operator
- Environmental Consultant
- Environmental Engineer
- Environmental Chemist
- Forester
- Botanist
- Environmental Reporter
- Editor, Science Magazine
- Junior Environmental Engineer
- Environmental Specialist
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- Org's.
- GIS Analyst
- Remediation Specialist
- Lab Technician
- Compliance Analyst
- Fisheries & Aquatics Manager
- GIS Analyst

EMPLOYERS WHO HIRE ENVIRONMENTAL SCIENCES GRADUATES

- Schools, Universities and Colleges
- Newspapers and Magazines
- Media
- Consulting Firms
- Businesses
- Research Organizations
- Government
- Educational Institutions
- International Organizations
- University and Colleges
- Non-Profit Organization
- Community Centres
- Consumer Product Companies

ENVIRONMENTAL SCIENCES STUDENTS JOBS

Federal Government of Canada
<http://jobs.gc.ca>

Provincial Governments (please check each Provincial Government's website for job opportunities.

Talent Egg <http://www.talentegg.ca>

Career Beacon <http://www.careerbeacon.com>

Environmental Careers Organization
<http://www.eco.ca>

OTHER RESOURCES

ECO Canada <http://www.eco.ca/>

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