



CAREER PATHFINDERS

BACHELOR OF ARTS OR SCIENCE DEGREE WITH A MAJOR IN

ENVIRONMENTAL STUDIES  
AND SCIENCES

Overview

Following the general principles of sustainability, the Department of Environmental Studies and Sciences takes an integrated yet practical approach to human-environmental interactions, resource and environmental problems. The mission of the department is to maintain and restore the health of the ecosphere and its people by educating and training the environmental leaders of tomorrow, creating and disseminating knowledge, and engaging with communities at local, regional and global levels.

*“The Environmental Studies program provided me with a good foundational understanding of the many facets—ecological, political, economic, philosophical—of our world and society, from which both problems and potential solutions arise. I learned both how to access information and ideas, and how to communicate them.”*

- Joanne Moyer (BA), who won the Chancellor’s Gold Medal for the highest standing in Arts (4-year course)

Job Titles

- Air Pollution Analyst (NOC 21120)
- Air Quality Specialist (NOC 21120)
- Biometrician (NOC 21210)
- City Planner (NOC 21202)
- Conservation Agent (NOC 22112)
- Ecologist (NOC 21110)
- Environmental Lawyer (NOC 41101)
- Fundraiser (NOC 11202)
- Habitat Biologist (NOC 21110)
- Hydrologist (NOC 21102)
- Park Ranger (NOC 22113)
- Pollution Control Technologist (NOC 22300)
- Promotions Manager (NOC 10022)
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- Resource Economist (NOC 41401)
- Soil Conservationist (NOC 21112)
- Teacher (NOC 41220)
- Urban/Regional Planner (NOC 21202)
- Resource Specialist (NOC 41400)
- Water Treatment Plant Operator (NOC 92101)
- Website Developer (NOC 21234)
- Forestry Professional (NOC 21111)
- Inspector in Public and Environmental Health and Occupational Health and Safety (NOC 21120)
- Civil Engineering Technologist and Technician (NOC 22300)

## Work Settings

- Advertising Agencies
- Agricultural Industry
- Conservation/Environmental Agencies
- Consulting Firms
- Cultural Organizations
- Educational Institutions
- Engineering Firms
- Forestry Industry
- Government Agencies/Departments
- Land Developers
- Legal Profession
- Marketing/Public Relations Agencies
- Non-Government Organizations
- Private Practice
- Research Institutes

## Skills and Characteristics

- Research and problem solving skills
- Ability to plan and manage projects
- Gather, analyze and communicate complex technical data
- IT skills
- Flexibility to work in all kinds of environments, developed through field-work experience
- A broad understanding of local, national and global environmental issues

## Professional Associations and Other Links

- Building Environmental Aboriginal Human Resources <http://www.eco.ca/beahr/>
- Canadian Network for Environmental Education and Communication <https://eecom.org>
- Environmental Careers Organization (ECO) <http://www.eco.ca/>
- Environmental Career.com <http://www.environmentalcareer.com/>
- Environmental Studies Association of Canada <http://esac.ca/>
- Good Work Canada <http://www.goodwork.ca/>
- The Canadian Association of Environmental Management <http://www.caenvironmentalmanagement.com/>
- Manitoba Water and Wastewater Association <http://www.mwwa.net/>
- Manitoba Environmental Industries Association <https://www.meia.mb.ca>

This document is intended to provide a starting point for your career research. For more information about Environmental Studies and Sciences at UWinnipeg, visit the [Department of Environmental Studies and Sciences website](#), the [Environmental Studies \(BA\) Fact Sheet](#), and the [Environmental Science \(BSc\) Fact Sheet](#).

Students are encouraged to [schedule an appointment with an Academic and Career Advisor](#) for assistance

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1 The numbers following each job title refer to [Canada's National Occupational Classification \(NOC\) code](#). Jobs may require additional education or training.

2 Government of Canada. "Environmental Studies (03.0103), Bachelor's degree." Job Bank, 25 March 2020, <https://www.jobbank.gc.ca/studentdashboard/03.0103/LOS05>