



Your Environmental Future



1 IN 10

Canadian organizations
have environmental
employees



WHAT ARE GREEN JOBS?

Green jobs in business produce goods or provide services that benefit the environment or conserve natural resources. They are also jobs in which workers duties involve making their organizations production processes more environmentally friendly or use fewer natural resources

ENVIRONMENTAL PROTECTION

Air, water, and land quality; waste management, restoration and reclamation, human and environmental health and safety, environmental protection management)

CONSERVATION AND PRESERVATION OF NATURAL RESOURCES

Fisheries and wildlife, forestry, agriculture, mining, energy, parks and natural reserves, natural resources management

ENVIRONMENTAL SUSTAINABILITY

Education, research and development, policy and legislation, communications and policy awareness, management for sustainable development

TOP 5 GREEN JOBS THAT MAKE AN IMPACT

METEOROLOGISTS

Meteorologists are atmospheric scientists. They continually analyze vast amounts of data, including surface and upper air observations of temperature, wind, pressure, and humidity.

WASTE MANAGEMENT SPECIALISTS

Waste management specialists plan, implement, and coordinate waste management systems that are designed to maximize waste prevention, reuse, and recycling opportunities

CONSERVATION OFFICERS

Conservation officers have a variety of responsibility, including promoting compliances with environmental legislation through public education, public involvement, and environmental awareness

ENVIRONMENTAL ASSESSMENT ANALYSTS

Environmental assessment analysts research and analyze environmental data and information for the preparation of environmental assessment reports.

MARINE BIOLOGY

Marine biology is the study of marine or saltwater organisms. Marine biologists study everything from single-celled bacteria to the blue whale and giant kelp.

SPECIALIST HIGH SKILLS MAJOR

WHICH SCHOOLS OFFER ENVIRONMENTAL MAJORS






Bluewater District School Board
Bruce Peninsula District School - Lion's Head

Avon Maitland District School Board
Goderich District Collegiate Institute - Goderich
St. Marys DC & VI - St. Marys

Source: Ministry of Education:

WHAT YOU WILL LEARN

A bundle of nine Grade 11 and Grade 12 credits that comprises:

-  Four environment major credits
-  Three other required credits from the Ontario curriculum, in English and mathematics
-  Two cooperative education credits tied to the sector.

Seven sector-recognized certifications and/or training courses/programs (four compulsory and a choice of three electives)

Experiential learning and career exploration activities within the sector

Reach ahead experiences connected with the student's post-secondary plans

Development of Essential Skills and work habits required in the sector, and documentation of them using the OSP

Source: Ministry of Education

ENVIRONMENTAL CAREERS TO EXPLORE

APPRENTICESHIP

Arborist

COLLEGE

Aquaculture Operator and Manager

Biological Technologist

Conservation Officer or Fishery Officer

Environmental Technician

Field Technician – Air Pollution

Forest Ecologist

Forestry Technologist/Technician

Geological and Mineral Technologist/Technician

Habitat Management Technician

Hatchery or Fisheries Technician

Mapping and Related Technologist/Technician

Quality Control – Chemical Engineering Technologist

Silviculture and Forestry Workers

Soil Testing Technologist

Technician – Pollution Control

WORKPLACE CERTIFICATES

Canoeing Guide

Fishing Guide

Hunting Guide

Landscaping and Grounds Maintenance Workers

Outdoor Sport and Recreation Guide

Outfitter

Recreation Program Leader

Recycled Paper Handler

Silviculture and Forestry Workers

Wastewater Treatment Plant Operator

UNIVERSITY

Air Quality Meteorologist

Chemical Engineer

Climatologist

Environmental Biologist

Environmental Engineer

Environmental Impact Analyst

Environmental Planner

Environmental and Occupational Toxicologist

Environmental Program Co-ordinator

Forestry Program Co-ordinator

Forestry Professional

Geological Engineer

Geologist and Geochemist

Interpretive Naturalist

Landscape Architects

Meteorologist

Urban and Land Use Planners

Waste Diversion Consultant



Serving Bruce Grey Huron Perth