

# INTEGRATED ENVIRONMENTAL MANAGEMENT (BSc Agr)



## EMBRACE YOUR WORLD

[dal.ca/agriculture](https://dal.ca/agriculture)

FACULTY OF AGRICULTURE  
DEPARTMENT OF ENGINEERING  
Agricultural Campus  
PO Box 550, Truro, NS  
B2N 5E3 Canada  
902.893.6710

# Integrated Environmental Management

## IS INTEGRATED ENVIRONMENTAL MANAGEMENT FOR ME?

This program opens up many career paths for people who have an interest in protecting our environment and making a difference in the health of our world.

It prepares students to tackle some of the greatest environmental complexities facing our world. Students address energy, water, resource and waste issues in our environment through resource management and green technologies.

## WHAT WILL I LEARN?

Students get to learn by doing and are hands-on throughout their degree. Managed wetlands, energy-creating algae colonies, image analysis, and our Bio-Environmental Engineering Centre, one of Canada's leading adaptive research and development facilities, are some of the unique resources available to our students.

Each year of this program builds on foundations and knowledge gained through classroom learning and applied, experiential learning.

1st Year – Foundation Sciences and Agricultural Studies

2nd Year – Environmental Systems and Technologies

3rd Year – Fibre Fuels and Food

4th Year – Project work solving industry-related problems

## WHAT CAREERS CAN I PURSUE?

Graduates of the Integrated Environmental Management (IEM) major gain a strong scientific background and enhance their analytical and critical thinking skills, allowing them to practically and creatively address key issues facing the world today, including new and renewable energy sources, resource and waste management affecting our environment and clean water.

A few examples of careers for which you will be prepared include:

- Energy Efficiency and Renewable Energy Advisor
- Sustainability Officer
- Environmental Manager
- Waste Water Treatment Operator
- Agriculture Transition Officer
- Government Policy Analyst

## WHAT GRADUATE PROGRAMS CAN I PURSUE?

Demand is growing for resource management professionals beyond the bachelor's level. Graduates of the IEM program have pursued master's or doctoral degrees to gain further experience in consulting, research and teaching in the environmental, agricultural and biological resource industries.

Some programs you may choose to pursue, include:

- Master of Science (MSc) in Agriculture Research, Environmental Sciences or Earth Sciences
- Master of Applied Science (MASc)
- Master of Environmental Studies (MES)
- Master of Resource and Environmental Management (MERM)

## WHY STUDY INTEGRATED ENVIRONMENTAL MANAGEMENT AT DAL'S TRURO CAMPUS?

- **Be a part of the solution:** Our program relates directly to three of the most pressing issues facing our world right now: food, water and the environment. It will strengthen your problem solving skills and put them to use.
- **An engineering approach:** At the Faculty of Agriculture in Truro, you'll learn how to manage the effects of modern agriculture and technology on the environment from a systems and practice perspective. Study the technologies associated with land, water, buildings and machinery.
- **A marketable education:** Demand is growing for resource management professionals. You could have an exciting career in the environmental, agricultural or bio-resource industries.

## FOR INFORMATION, CONTACT:

Mandi Wilson, Administrative Coordinator  
truro.engineering@dal.ca, 902.893.6710

