

ENVIRONMENTAL SCIENCES (BSc Agr)



CULTIVATE A PASSION FOR OUR ENVIRONMENT

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FACULTY OF AGRICULTURE

DEPARTMENT OF PLANT, FOOD, AND ENVIRONMENTAL SCIENCES

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Environmental Sciences

IS ENVIRONMENTAL SCIENCES FOR ME?

Do you want to become a part of the solution to our world's complex environmental issues and help improve our quality of life in the future? Do you want to ensure our environment is preserved for future generations to come? If so, the Environmental Sciences program at the Agricultural Campus could be the program for you.

In today's world, preservation of our environment is becoming increasingly important. Our program teaches students to analyze complex environmental issues and develop practical solutions that consider the impacts on the environment, society and our economy.

WHY STUDY ENVIRONMENTAL SCIENCES AT DAL'S TRURO CAMPUS?

- **Hands-on work:** Learn by using scientific instruments to identify environmental issues and apply the science behind them to find reasonable and workable solutions.
- **Expert teaching:** Whatever you choose as your specialty, you'll get instruction from well-trained minds like soil scientists, bioproducts scientists, horticulturalists, weed scientists, waste management specialists and industry specialists.
- **A field for the future:** Our quality of life in the future will largely depend on our ability to solve complex environmental problems. As an Environmental Sciences student, you can make a difference.
- **Small class sizes:** We offer small class sizes to nurture individualized learning needs in a close knit, small campus community.

WHAT WILL I LEARN?

As a student in this multi-disciplinary program, you will study a variety of topics that will help you analyze and understand environmental issues from different angles, including an economic perspective. A few of the courses you will study include:

- Environmental studies
- Environmental studies field experience
- Geographic information systems (GIS)
- Air, climate and climate change

WHAT CAREERS CAN I PURSUE?

Completing the Environmental Sciences program opens the door to a variety of employment opportunities. A few examples of the positions you will be eligible to apply for, include:

- Conservation officer
- Environmental consultant
- Environmental planner
- Environmental protection officer
- Greenhouse gas project officer
- Land use advisor
- Natural resources manager
- Recycling coordinator
- Research and lab technician
- Waste treatment facility manager

WHAT GRADUATE PROGRAMS CAN I PURSUE?

As a graduate of the Environmental Sciences program, you'll have a strong foundation in various environmental disciplines. Students are also well prepared for programs such as a Bachelor of Education (BEd), Bachelor of Laws (LLB or JD) and various Master programs, including the Masters of Landscape Architecture (MLA). Agricultural Resource and Environmental Sciences Master's degrees are available in the following areas of study:

- Agricultural systems management
- Ecology
- Entomology
- Environmental and resource economics
- Food biochemistry
- Food product development
- Food safety and quality
- Pest management
- Resource management
- Soil chemistry
- Soil conservation and management
- Soil fertility
- Wastewater management
- Weed science

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