

Environmental Biology

- Why** are species' numbers declining around the world?
- How** do human activities impact ecosystems?
- Will** sustainable development improve ecosystem health?
- What** are the environmental conditions required for plants to grow?
- Can** biodiversity improve human health?
- How** is climate change affecting the Boreal Forest in Canada?

This specialization prepares you for leadership roles in the environmental sector. It combines disciplinary study in the natural sciences in the first two years of the program, followed by two years of focused study on the diversity of life—from genomes to ecosystems.

Our sustainability theme provides you with a framework for the analysis of human impacts on the environment. You'll study socio-economic, political, and technological influences that govern environmental issues and decision-making.

Environmental Biology provides you with an advanced understanding of humans and their environment, including how human activities impact species and modify ecosystems.



What will I study?

- Aquatic Ecology
- Comparative Zoology
- Conservation Biology
- Ecology
- Environmental Chemistry
- Introduction to Environmental Research Methods
- Plant Biology

What can I do with my degree?

- Conservation Biologist
- Environmental Consultant
- Environmental Lawyer
- Environmental Policy Advisor
- Green Biotechnologist
- Secondary School Teacher (through Concurrent Education)

An undergraduate Biological Science degree—with a specialization in Environmental Biology—allows you to pursue graduate studies. This includes our Master of Science program in Applied Bioscience.

Want more information?

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