Society has become more aware of the seriousness of the environmental problems we face. Yet, at the same time, we have realized that the solutions are not simple. To work towards environmental sustainability, people need to understand the scientific basis of environmental problems. They also need to have expertise in planning, policy and other fields to deal with the social, economic and cultural complexities that surround them.

**Top 5 Reasons to Study Environmental Studies/Science**

1. Hands-on lab and field work. Get dirty, see results.
2. Gain transferable skills that employers want, while learning how to prepare arguments and solve problems.
3. Help create the future world in which you want to live.
4. The best way to find solutions: combining both the arts and the sciences.
5. Research-focused courses in upper years contribute to projects happening across Canada and around the world.

**Alumni Jobs**

- 5% of alumni work in Utilities
- 13% of alumni work in Environment Services
- 25% of alumni work in Government & Law
- 33% of alumni work in Education

**Alumni Story**

“I think that it’s something that is really unique about our department. The fact that our program is so current with the issues our society is facing and that members of the department can unify over trying to find solutions to the problems.”

-Makenzie MacKay, BAH ‘17

**2018-19 Thresholds**

NO AUTOMATIC ACCEPTANCE

1.6 cGPA PENDING LIST
min C- in BIOL 103
ENVIRONMENTAL BIOLOGY

**What will I learn?**
A degree in Environmental Biology can equip you with valuable and versatile skills, such as:

- Interdisciplinary perspective to understand environmental topics from a scientific, philosophical and ethical point of view
- Understand natural and human factors related to environmental problems
- Knowledge of local, national, and global environmental problems and issues
- Analytical skills to analyze data for trends and apply statistical tests
- Ability to interpret data from scientific experimentation and make conclusions based on research
- Experience with laboratory equipment
- Critical thinking to form, defend, and evaluate arguments and propose solutions
- Oral and written communication to create reports and give presentations
- Teamwork to work as a team on a long-term project
- Resource and time management

**Where can I go?**
A degree in Environmental Biology can take your career in many directions. Many students choose to continue their academic inquiry with a Master's. Our students are equipped with a strong foundation for careers in:

- Agriculture
- Cartography
- Forestry
- Horticulture
- Land quality
- Meteorology
- Parks and natural reserves
- Transportation
- Waste management
- Water quality

Taking time to explore career options, build experience and network can help you have a smooth transition to the world of work after graduation.
ENVIRONMENTAL BIOLOGY
Specialization, Bachelor of Science (Honours) degree PLAN

Sample Year by Year

1ST YEAR
- BIOL 102/3.0
- BIOL 103/3.0
- CHEM 112/6.0
- GPHY 101/3.0
- GPHY 102/3.0
- GEOL 104/3.0 or GEOL 107/3.0
- MATH 121/6.0 or MATH 120/6.0 or MATH 111/6.0 or (MATH 123/3.0 and MATH 124/3.0)
- ENSC 103/3.0

2ND YEAR
- BIOL 201/3.0
- BIOL 202/3.0
- BIOL 205/3.0
- BIOL 206/3.0
- BIOL 243/3.0 or STAT 269/3.0
- 3.0 units in GEOL
- 6.0 units from BIOL 334/3.0, CHEM at the 200 level or above
- 6.0 units of electives

3RD YEAR
- 3.0 units from BIOL 334/3.0, BIOL 339/3.0, BIOL 341/3.0, or BCHM 310/9.0
- BIOL 300/3.0
- BCHM 218/3.0 or BIOL 330/3.0
- ENSC 390/3.0
- 12.0 units from EBIO options
- 6.0 units of electives

4TH YEAR
- Environmental Biology Research Thesis Option
  - 12.0 units from EBIO Options
  - BIOL 537/12.0 or ENSC 502/12.0
- OR
  - Environmental Biology Non-Thesis Option
  - 18.0 units from EBIO Options
  - ENSC 430/6.0 or ENSC 501/6.0
  - 6.0 units of electives

Note that degree requirements are revised regularly. The most current requirements, including course lists and options, are available in the Academic Calendar at: QUartsci.com/academic-calendar