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

### Employment Relations
- Entrepreneurship, Innovation and Creativity
- Disability and Physical Activity
- French for Professionals
- Geographic Information Science
- Global Action and Engagement
- Indigenous Languages and Cultures
- International Studies
- Media Studies
- Sexual and Gender Diversity
- Urban Planning Studies

### Add a Certificate to Your Degree

- Quartscl.com/certs

### 2018-19 Thresholds

- **2.3 cGPA** Automatic Acceptance
- **1.9 cGPA** Pending List

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit: Quartscl.com*
1ST YEAR
In first year you’ll have the chance to explore the foundations of Environmental Science in biology, chemistry, geography and geology along with some electives. See the back page for specific courses to consider. Attend Majors Night in the Winter term to learn more about Plan options.

2ND YEAR
Start going deeper into the discipline of Environmental Science, while considering a minor and/or certificate such as Global Action and Engagement. Attend Degree + in the Fall term to learn more about Certificates and Internship options. Want to make sure your academics are where you want them to be? Visit SASS (Student Academic Support Services) and the Writing Centre for some help.

3RD YEAR
A chance to start grouping courses in areas of interest, or to keep it more general and explore many areas of Environmental Science. Meet with an Academic Advisor to make sure you are on track and have planned out your courses for next year — for some ideas, see the back page.

4TH OR FINAL YEAR
In fourth year you will have the chance to participate in research-based courses that can lead to Graduate School or to your future career path. Make sure to finish up all your courses for your major and your optional minor and/or certificate(s).

GET THE COURSES YOU NEED
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GET RELEVANT EXPERIENCE
Join teams or clubs on campus such as the Earth Centre or Queen’s Backing Action on Climate Change. See Queen’s Sustainability webpage, the AMS Clubs Directory or the Queen’s Get Involved page for more ideas.

GET CONNECTED WITH THE COMMUNITY
Volunteer on or off-campus with different community organizations. See community organizations listed by the department, including SWITCH Ontario and the City of Kingston.

GET THINKING GLOBALLY
Prepare for work or studies in a multi-cultural environment by taking QUIC’s Intercultural Competency Certificate, and research possible immigration regulations. Speak to a QUIC advisor to get involved in their programs, events, and training opportunities.

GET READY FOR LIFE AFTER GRADUATION
Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.

COURSES
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CONSIDER 1-2-16 MONTH QUIP INTERNSHIP
Consider joining professional associations like the Ontario Environment Industry Association and the Canadian Institute for Environmental Law and Policy. Join groups on LinkedIn reflecting specific careers or topics of interest in Environmental Studies. Investigate full-time jobs or other opportunities related to careers of interest. If interested, look for environmental opportunities through Planet Friendly.

International students interested in staying in Canada can speak with an International Student Advisor. Apply to jobs or future education, or make plans for other adventures. Get help from Career Services with job searching, resumes, interviews, Grad School applications, or other decisions.

What will I learn?
A degree in Environmental Science 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 Science 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.

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Sample Year by Year

1ST YEAR
- BIOL 111/3.0 or BIOL 103/3.0
- GPHY 101/3.0
- GPHY 102/3.0
- GEOL 104/3.0 or GEOL 107/3.0
- ENSC 103/3.0
- 6.0 units of MATH or STAT
- 6.0 units from CHEM 112/6.0 or (CHEM 113/3.0 and CHEM 114/3.0)
- 3.0 units of electives

2ND YEAR
- ENSC 201/3.0
- 3.0 units from GEOL
- 9.0 units from ENSC Options
- 15.0 units of electives and/or minor

3RD YEAR
- ENSC 301/3.0
- ENSC 390/3.0
- 9.0 units from ENSC Options
- 15.0 units of electives and/or minor

4TH YEAR
- ENSC 430/6.0 or ENSC 501/6.0
- 9.0 units from ENSC Options
- 15.0 units of electives and/or minor

PLAN:
72.0 units plus electives (or a combination of a minor and electives) to a total of 120 units.

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