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.

**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

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

**2018-19 thresholds**

2.3 cGPA AUTOMATIC ACCEPTANCE
1.9 cGPA PENDING LIST

*Math thresholds are made on a competitive basis and are updated annually. For the latest information please visit [QUarts.com](http://QUarts.com).*

**ENVIRONMENTAL STUDIES**

Faculty of Arts and Science
Biociences Complex, Room 3134
116 Barrie Street
613-533-6602
queensu.ca/envasc

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit [QUEARTSCI.COM](http://QUEARTSCI.COM).*
MAJOR BACHELOR OF SCIENCE (HONOURS)

1ST YEAR

GET THE COURSES YOU NEED
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.

GET RELEVANT EXPERIENCE
Join teams or clubs on campus such as the Earth Centre or Queen's Bucking 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 GLOBALY
Prepare for work or studies in a multi-cultural environment by taking QUC's Intercultural Competency Certificate, and research possible immigration regulations. Speak to a QUC 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.

2ND YEAR

GET THE COURSES YOU NEED
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.

GET RELEVANT EXPERIENCE
Look into summer jobs by talking to the dept. or Career Services about work through SREF or Work-Study. Take more responsibility within different clubs or extracurriculars.

GET CONNECTED WITH THE COMMUNITY
Get involved with the Departmental Student Council (DSC). Watch for events in the School of Environmental Studies through the department website. Start or continue volunteering with organizations.

GET THINKING GLOBALY
Is an exchange in your future? Start thinking about where you would like to study abroad. Apply in January for a third year exchange through the International Programs Office. Consider studying abroad in the summer: look into taking BIOL 307, a China-Canada field course.

GET READY FOR LIFE AFTER GRADUATION
Explore different careers of interest by reading books in the Career Services Information Area, such as Career Opportunities in Conservation and the Environment. For more information check out Career Cruising or by finding and connecting with alumni on LinkedIn.

3RD YEAR

GET THE COURSES YOU NEED
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.

GET RELEVANT EXPERIENCE
If interested, apply for an Undergraduate Student Summer Research Fellowship (USSRF). Consider applying to do a 12-16 month QUIP internship between your third and fourth year. Consider entrepreneurial opportunities via programs like the Queen's Innovation Connector Summer Initiative (QICSI).

GET CONNECTED WITH THE COMMUNITY
Do targeted networking with alumni working in careers of interest by joining the LinkedIn group Queen's Connects. Check out Career Services networking workshops. Connect with professors at events or workshops hosted by the DSC.

GET THINKING GLOBALY
Build your intercultural competence by getting involved with other cultures or by practicing or improving your language skills. Think about internship opportunities abroad related to Environmental Studies.

GET READY FOR LIFE AFTER GRADUATION
Start focusing on areas of interest. Research education requirements for careers of interest. If needed, prepare to take any required tests (like the LSAT or GMAT) and get help thinking about Grad School from Career Services. Check out what some of our grads are doing at our website.

4TH OR FINAL YEAR

GET THE COURSES YOU NEED
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 RELEVANT EXPERIENCE
Investigate full-time jobs or other opportunities related to careers of interest. If interested, look for environmental opportunities through Planet Friendly. Assess what experience you’re lacking and fill in gaps with volunteering, clubs, or internships — check out the Career Services skills workshop for help.

GET CONNECTED WITH THE COMMUNITY
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.

GET THINKING GLOBALY
International students interested in studying in Canada can speak with an International Student Advisor.

GET READY FOR LIFE AFTER GRADUATION
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.