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 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.

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

2020-21 major thresholds

Thumbnails are made on a competitive basis and are updated annually. To see the thresholds for all programs as well as the latest information, please visit quartsci.com/planselection

“\textbf{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

Acquire Skills. Gain Experience. Go Global. That is a degree from Queen’s.

queensu.ca/ensc
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.

Attend Majors Night in the Winter term to learn more about Plan options.

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.

Volunteer on or off-campus with different community organizations.

Prepare for work or studies in a multi-cultural environment by taking QUIC's Intercultural Awareness Training Certificate, and research possible immigration regulations.

Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.

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.

Look into summer jobs by talking to the department or Career Services about work through SWEP or Work-Study.

Get involved with the Departmental Student Council (DSC).

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.

Explore different careers of interest by reading books in the Career Services Information Area, such as Career Opportunities in Conservation and the Environment.

Build your involved improv

Prepare for work or studies in a multi-cultural environment by taking QUIC’s Intercultural Awareness Training Certificate, and research possible immigration regulations.

Speak to a QUIC advisor to get involved in their programs, events, and training opportunities.

Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.

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.

Look into summer jobs by talking to the department or Career Services about work through SWEP or Work-Study.

Take more responsibility within different clubs or extracurriculars.

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).

Volunteer on or off-campus with different community organizations.

See community organizations listed by the department, including SWITCH Ontario and the City of Kingston.

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Speak to a QUIC advisor to get involved in their programs, events, and training opportunities.

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Visit careers.queensu.ca/majormaps for the online version with links!
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.

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).

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
• 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.

CONSIDER A 12-16 MONTH QUIP INTERNSHIP

Interested, apply for an Undergraduate Student Summer Research Fellowship (USSRF). Consider applying to do a 12-16 month QUIP internship when your third and fourth year. Consider entrepreneurial opportunities via programs like the Queen’s Innovation Connector Summer Initiative (CSI).

Targeted networking with alumni working in areas of interest by joining the LinkedIn group Queen’s Connects. Check out Career Services working workshops.

Contact with professors at events or workshops led by the DSC.

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.

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.

* This map is intended to provide suggestions for activities and careers, but everyone’s abilities, experiences, and constraints are different. Build your own Major Map using our online My Major Map tool.
Environmental Science
MAJOR MAP

How to use this map
Use the 5 rows of the map to explore possibilities and plan for success in the five overlapping areas of career and academics. The map just offers suggestions – you don’t have to do it all! To make your own custom map, use the My Major Map tool.

Get started thinking about the future now – where do you want to go after your degree? Having tentative goals (like careers or grad school) while working through your degree can help with short-term decisions about courses and experiences, but also help you keep motivated for success.

Get the help you need
Queen’s provides you with a broad range of support services from your first point of contact with the university through to graduation. At Queen’s, you are never alone. We have many offices dedicated to helping you learn, think and do.

Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming living and learning environment offers the programs and services you need to be successful, both academically and personally. Queen’s wants you to succeed! Check out the Student Affairs website for available resources.

QUIP QUEEN’S UNDERGRADUATE INTERNSHIP PROGRAM

START DATES
in May, September, or January

POSITIONS
are paid and full-time

WORK TERMS
are 12-16 months long

PROGRAM OVERVIEW
- Graduate with "Professional Internship" on your degree.
- Learn about current advances, practices and technologies in business and industry.
- Test drive a career, earn a competitive salary, and get real world experience.

ELIGIBILITY
- 2nd or 3rd Year Students
- Minimum GPA of 1.9

WHY QUIP?
- Gain a year of career-related work experience.
- Build network connections.
- Receive support from Queen's staff in job search and during internship.

SAMPLE PAST INTERNSHIPS

For more information, contact quip@queensu.ca or visit the Program Website.

Why study in Kingston?
For 175 years, our community has been more than a collection of bright minds – Queen’s has attracted students with an ambitious spirit. Queen’s has the highest retention rates, the highest graduation rates, and one of the highest employment rates among recent graduates. We are a research intensive university focused on the undergraduate experience. The BBC has identified Kingston as one of the GREATEST UNIVERSITY TOWNS in the world – and it is often awarded the safest city in Canada. It is a university city at the core; just a quick drive to Toronto, Montreal, Ottawa and even New York. A university with more clubs per capita than any other university in Canada, and a city with more restaurants per capita than any other city in North America – you will have the experience of a lifetime at Queen’s – and graduate with a degree that is globally recognized among the best.

We’re closer than you think.