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.

**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**

“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**

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit: [QUarts.com/academic-calendar](http://QUarts.com/academic-calendar)*
## Specialization Map

### 1st Year
- **GET THE COURSES YOU NEED**
  - In first year you will 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
- **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.
  - 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**
  - Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.
  - 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**
  - Start going deeper into the discipline of Environmental Science, while considering a 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 SWATP 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 GLOBALLY**
  - 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.
  - 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**
  - 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).

### 4th or Final 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**
  - 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 workshops for help.
- **GET CONNECTED WITH THE COMMUNITY**
  - Consider joining professional associations like the Queen’s Undergraduate Student Environmentalists (QUPE). Apply in January for a 12-16 month QUIP internship.
  - Consider joining full-time jobs or other opportunities related to careers of interest. If interested, look for environmental opportunities through Planet Friendly.
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  - Consider joining professional associations like the Queen’s Undergraduate Student Environmentalists (QUPE). Apply in January for a 12-16 month QUIP internship.
- **GET THINKING GLOBALLY**
  - Make sure to finish up all your courses for your degree and your optional certificate(s).
- **GET READY FOR LIFE AFTER GRADUATION**
  - Many students choose to continue their education through graduate programs, a career in the hospitality industry, or by applying to do a 12-16 month QUIP internship. Apply for a 12-16 month QUIP internship.
  - Investigate full-time jobs or other opportunities related to careers of interest. If interested, look for environmental opportunities through Planet Friendly.
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- **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:
    - Energy
    - Environmental management
    - Government
    - Human and environmental health
    - International development
    - Law
    - Parks and natural reserves
    - Public administration
    - Public health
    - Restoration and reclamation
    - Urban and regional planning
  - Taking time to explore career options, build experience and network can help you achieve your career goals. Consider working in the hospitality industry or applying to do a 12-16 month QUIP internship. Apply for a 12-16 month QUIP internship.
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- **Specialization Map**
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