Environmental Science

Queens Undergraduate Internship Program

**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

**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 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 can help with short-term decisions about courses and experiences, but also help you keep motivated for success.

**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 social, economic and cultural complexities that surround us.

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

**Environmental Science**

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.

**For more information, please visit quartsci.com/planselection.**

**2.3cGPA AUTOMATIC ACCEPTANCE**

**1.9cGPA PENDING LIST**

**2019-20 major thresholds**

<table>
<thead>
<tr>
<th>ALUMNI JOBS</th>
<th>5% of alumni work in UTILITIES</th>
<th>13% of alumni work in ENVIRONMENT SERVICES</th>
<th>25% of alumni work in GOVERNMENT &amp; LAW</th>
<th>33% of alumni work in EDUCATION</th>
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<tbody>
<tr>
<td><strong>TOP 5 REASONS to study ENVIRONMENTAL SCIENCE</strong></td>
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<td><strong>1</strong> Hands-on lab and field work. Get dirty, see results</td>
<td><strong>2</strong> Gain transferable skills that employers want, while learning how to prepare arguments and solve problems</td>
<td><strong>3</strong> Help create the future world in which you want to live.</td>
<td><strong>4</strong> The best way to find solutions: combining both the arts and the sciences.</td>
<td><strong>5</strong> Research-focused courses in upper years contribute to projects happening across Canada and around the world.</td>
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**Acquire Skills. Gain Experience. Go Global.**
That is a degree from Queen’s.

queensu.ca/ensc
### 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.
  - 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 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.
  - See community organizations listed by the department, including SWITCH Ontario and the City of Kingston.
- **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**
  - Prepare for work or studies in a multi-cultural environment by taking QCIC’s Intercultural Awareness Training Certificate, and research possible immigration regulations.
  - Speak to a QCIC 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 Days in the fall term to learn more about Certificates and Internship options.
  - Want to make sure your academic is 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 department or Career Services about work through SWEP or Work Study.
  - Take more responsibility within different clubs or extracurriculars.
- **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 GLOBALLY**
  - 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 Intercultural Awareness Training Certificate, or the 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 Planning 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.
- **GET RELEVANT EXPERIENCE**
  - If interested, apply for an Undergraduate Student Summer Research Fellowship (USRSF). 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).
  - Take more responsibility within different clubs or extracurriculars.
- **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 GLOBALLY**
  - 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 Graduate 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 workshops 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.
  - International students interested in staying in Canada can speak with an International Student Advisor.
- **GET THINKING GLOBALLY**
  - 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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* 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 tool.