With both a Science option, and an Arts option, students in Environmental Studies can customize their degree and the way in which they look at the world.

A Year to CHOOSE
We often say that our students are like explorers. In Arts and Science, your first year is all about making choices and exploring new paths. Whether you are in Arts, Science or Computing, you will choose your courses from a wide variety of subjects as you settle into university life and become familiar with new styles of learning. By the end of your first year, you will have discovered your areas of interest, passion and success, and will then declare your major. Your first year, whether you consider it to be undeclared, undecided or simply a time for exploration, is bound to be a year full of adventure.

Degree PLANS
Bachelor of Science (Honours)
Major in Environmental Science / Specialization in Earth System Science, Environmental Biology, Environmental Chemistry, Environmental Geology, Environmental Life Sciences, Environmental Toxicology
Bachelor of Arts (Honours)
Medial / Minor in Environmental Studies
Internship option available

Find out more about what Environmental Studies/Science has to offer by visiting queensu.ca/environmentalstudies.
**Environmental Studies/Science MAJOR MAP**

**BACHELOR OF SCIENCE (HONOURS): SPECIALIZATION, MAJOR  |  BACHELOR OF ARTS (HONOURS): MEDIAL, MINOR**

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### 1ST YEAR

- **GET THE COURSES YOU NEED**
  - In first year BSCH take BIOL 111 or 103, ENSC 103, GEOL 104, GPHY 101, 102, CHEM 112 (or CHEM 113/114), and 6.0 units from MATH.
  - In first year BAH take BIOL 103 or 111, ENSC 103, GPHY 101, GEOL 104, 196, or 107. For a Medial in BAH choose 3.0 units from Math, Statistics or Chemistry.
  - Build your transferrable skills in time management, problem-solving, writing and more with Student Academic Success Services.

- **GET RELEVANT EXPERIENCE**
  - Join teams or clubs on campus such as the Earth Centre or Queen's Baking Action on Climate Change. See the Sustainability website, 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 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.

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### 2ND YEAR

- **GET THE COURSES YOU NEED**
  - In second year take ENSC 201 and ENSC 290 (if offered): Take 3.0 units of CLST 214, DEV5 220, DEV5 221, PHIL 203, Phil 293, or RELS 235, along with electives outlined in the Academic Calendar.
  - For course information on specializations, see the online Environmental Studies degree Plan list.

- **GET RELEVANT EXPERIENCE**
  - Look into summer jobs by talking to the dept. or Career Services about work through SWEP 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**
  - Is an exchange in your future? Start thinking about where you would like to study abroad. Apply in January for a 3rd year exchange through the International Programs Office.
  - Consider studying abroad in the summer: look into QUIC's Intercultural Connector Summer Initiative (QICSI).

- **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.

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### 3RD YEAR

- **GET THE COURSES YOU NEED**
  - In third year take ENSC 301 and ENSC 390, 9.0 units from the integrative science list, and 6.0 units from interdisciplinary social science and humanities list, along with other course requirements outlined in the Academic Calendar.

- **GET RELEVANT EXPERIENCE**
  - If interested, apply for an Undergraduate Summer Research Fellowship (USRF). 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 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 grad school from Career Services.

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### 4TH OR FINAL YEAR

- **GET THE COURSES YOU NEED**
  - Take remaining units of integrative science and interdisciplinary social science and humanities lists, along with ENSC 430 or ENSC 501.

- **GET RELEVANT EXPERIENCE**
  - By fourth year you should also be working on your remaining option and elective courses. Make sure to map your minor and / or certificate(s) as well.
  - Apply to graduate in SOLUS.

- **GET CONNECTED WITH THE COMMUNITY**
  - 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 THINKING GLOBALLY**
  - 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 READY FOR LIFE AFTER GRADUATION**
  - 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.

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*This map is intended to provide suggestions for potential activities and career paths, but everyone's abilities, experience, and constraints are different. Build your own map using our online My Major Map tool.
Environmental Studies/Science

MAJOR MAP

What can I learn studying ENVIRONMENTAL STUDIES?
- 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

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.

Why study in Kingston?
For over 175 years, the Kingston community has been a collection of bright minds. We are proud that our city was named one of the top Intelligent Communities across the globe, an accolade largely due to the thousands of students who study here every single year. In fact, the BBC has identified Kingston as one of the GREATEST UNIVERSITY TOWNS in the world, which might be why Instagram named the city ‘the happiest place on the planet’! Just a quick drive to Toronto, Montreal, Ottawa and even New York, Kingston is a safe and liveable city. Not only are we known as the freshwater sailing capital of the world, Kingston is arguably the birthplace of hockey. Wondering what to do while you’re attending school? Queen’s has more clubs per capita than any other university in Canada, and Kingston has more restaurants per capita than any other city in North America; your time here is guaranteed to be ‘fresh made daily’.

What employers want
The Canadian Council of Chief Executives list the top 6 skills sought by employers as:
1. People skills
2. Communication skills
3. Problem-solving skills
4. Analytical abilities
5. Leadership skills
6. Industry-specific knowledge

Take the time to think about the unique skills you have developed at Queen’s, starting with the skills list here for ideas. Explaining your strengths with compelling examples will be important for applications to employers and further education. For help, check out a Career Services workshop.

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, and Queen’s wants you to succeed! Check out the Student Affairs website for available resources.