Succeed in the workplace

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 the Career Services skills workshop.

Get to know BIOLOGY
There has never been a more exciting time to study Biology, with subjects ranging as broadly as climate change and the conservation of biodiversity, the origin and evolution of life, the form and function of organisms, and the ongoing “omics” revolution at the molecular level. Our program emphasizes interactive learning with hands-on laboratories, small senior seminar modules and field courses. Our department also offers opportunities for field study around the globe — from Argentina to Africa.

New to Biology is the Biotechnology program that works with living organisms and other biological systems to help us improve our lives by discovering new drugs, improving crop production, and helping to develop novel forms of sustainable energy. Recognizing the interdisciplinary nature of biotechnology, the program will encourage students to take courses from several departments at Queen’s, everything from law to civil engineering to biomechanical and molecular sciences. There is also an option to combine this degree with a diploma in Biotechnology from St. Lawrence College.

Degree OPTIONS
Bachelor of Science (Honours) Major /Minor / Specializations in Biology, Biotechnology, Biology and Mathematics, Biology and Psychology, Environmental Biology, Bachelor of Science (General) Bachelor of Arts (General) Internship option available

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.

A balanced approach leads to long-term success. While you will learn a lot from your studies, taking time to get relevant experience outside of the classroom, build your network, and gain international experience, will position you to be more competitive in your job search and for graduate school applications.

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 will be important for applications to employers and further education. Sometimes that discovery happens fairly quickly, and for other students it takes some work and time before the “ah-ha!” happens – either way your first year at Queen’s will be a great experience.

That is a degree from Queen’s.

**Queen’s University Biology**

**Major Map**

**Student Affairs website** biology.queensu.ca

**Internship option available**

**Skills.**

**Gain**

**Experience.**

**Go Global.**

**that is a degree from Queen’s.**

**quartsci.com**
In first year take BIOL 102, 103, CHEM 112 and MATH 120 or 121. Interested in the Biology and Psychology Specialization? Take PSYC 100. Interested in the Biology and Mathematics Specialization? Take MATH 110 or 111.

Each Science Plan will have several required first-year courses, including minors. For details see the Arts and Science Academic Calendar.

Join teams or clubs on campus such as Queen’s First Aid, the Queen’s Association for Technology in Medicine and Biology (QATMB), the Queen’s Genetically Engineered Machine Team (QGEM) and the Queen’s Synthetic Biology Organization (QSYNBIO). See the AMS Clubs Directory or the Queen’s Get Involved page for more ideas.

Volunteer on or off-campus with different community organizations, such as Queen’s Health Outreach, Let’s Talk Science, and Women in Science & Engineering at Queen’s University (WISE).

Get involved with the Departmental Student Council (DSC). Start or continue volunteering with organizations.

Volunteering is a great way to get practical experience and build your CV towards getting Biology jobs during your degree.

If interested, attend conferences and talks like the Canadian Undergraduate Conference on Healthcare (CUCOH).

Consider applying to research opportunities at Queen’s University Biological Station or through the Biology Undergraduate Summer awards. Consider applying to do a 12-16 month QUIP internship between your third and fourth year.

Investigate requirements for full-time jobs or other opportunities related to careers of interest. Assess what experience you’re lacking and fill in gaps with volunteering, clubs, or internships – check out the Career Services skills workshop for help. Participate in Inquiry @ Queen’s undergraduate student conference.

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