Succeed in the workplace

What employers want

The Canadian Council of Chief Executives lists 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.

What can I learn studying HEALTH SCIENCES?

- Knowledge of cellular structures, organic systems, organic chemistry, and the functions of the human body
- Understanding of statistical research methods, the scientific method, and experimental design
- An appreciation for the social and scientific aspects that contribute to health and healthcare
- Research skills – ability to draw relevant information out of a large amount of data
- Attention to detail – analyze and interpret scientific data
- Problem solving – adopt a systematic approach to problems
- Oral and written communication – produce laboratory reports and present a report to a group
- Resource and time management
- Advocacy on behalf of different stakeholders/populations with the ability to craft messages based on the audience
- Collaborating with peers to achieve common goals
- Optional: Gain experience working in a laboratory setting and operating equipment

Get to know HEALTH SCIENCES

The Bachelor of Health Sciences program is an online program purposefully designed with flexibility at its core. Students can complete courses on a timetable that best suits their lifestyle. The degree may be completed on either a full-time or part-time basis, with different entry points throughout the year, and students can choose from a General or Honours degree.

Unlike many other traditional science programs, a significant amount of customization is possible through the Bachelor of Health Sciences program. Optional courses comprise almost a third of the degree program, meaning that students can select courses that interest them the most. These courses may be selected from a wide range of Arts and Science courses, further enhancing the multidisciplinary nature of the degree.

Students who develop a particular interest in a specific area of the health sciences may choose to take one of six specially-designed learning tracks. These provide a more specialized focus within a particular field, ranging from Infection and Immunity, to Global and Population Health.

This program offers students access to courses that will prepare them for admission to a wide variety of Health Professional programs such as medicine, dentistry, pharmacy, veterinary medicine, rehabilitation therapy, and nursing. These programs are increasingly competency-based, meaning that their graduates must achieve and demonstrate competency in specific health-related roles. This concept has been built into the Bachelor of Health Sciences curriculum, enabling our graduates to provide evidence of their achievements in these roles, potentially strengthening their applications to professional health programs.

Degree OPTIONS

Bachelor of Health Sciences (General) 3 Years, 90 credits
Bachelor of Health Sciences (Honours) 4 Years, 120 credits

Queen’s ADMISSIONS

Applicants who have, or will successfully complete, a diploma from a Canadian or International high school will be considered through the traditional admission stream. Candidates must apply through Queen’s Undergraduate Admission using the webapp. Course prerequisites include 4U English, any 4U Math, and two of 4U Chemistry, 4U Biology, or 4U Physics. Check online for courses required for students outside of Ontario.

Students who lack the traditional admission requirements have the opportunity to enter the program by starting out as a Non-Degree Interest Student. Students accepted as this type of student can bridge into the program after completing three specific first year courses and achieving a cumulative GPA of 3.0 in these courses.

The online ADVANTAGE

Online learning is becoming increasingly popular and the benefits are numerous. Perhaps the biggest advantage of online learning is the flexibility it provides. Students can work at their own pace and are not restricted by the traditional format and hours of a classroom experience. Learning can happen anytime and anywhere online, and this gives students the flexibility to customize learning to their own unique lifestyles. This individual pace also encourages students to become more motivated and engaged as learning happens at a time and place of each student’s choosing.

Course HIGHLIGHTS

The Bachelor of Health Sciences program has been purpose-built to expose learners to a wide range of knowledge in the field of health sciences. Innovative courses have been developed such as:
- Developmental Origins of Health and Disease
- Health Ethics, Law, and Policy
- Evolutionary Biology of Cancer

In addition to these courses, the curriculum highlights a number of traditional fields within the health sciences, while also incorporating important topics such as Global and Population Health and Social and Physical Determinants of Health and Disease. Courses are built as interactive online modules that not only teach content through a variety of multimedia, but allow students to test their knowledge as they work through each module.

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

bhsc.queensu.ca
## Health Sciences
### PROGRAM MAP *

<table>
<thead>
<tr>
<th>1ST YEAR</th>
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<tbody>
<tr>
<td>Complete your Orientation Module prior to starting course work.</td>
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<tr>
<td>Take PHGY 170, ANAT 100, PHAR 100, STAT 263, BMED 171, and BMED 173. Also take 6.0 units of optional courses and 6.0 units of electives (which can include optional courses).</td>
</tr>
<tr>
<td>If you have declared a learning track, make sure that required courses to complete your track(s) are end of this year, consider courses included in each track in your optional/ elective choices.</td>
</tr>
<tr>
<td>If you're planning to graduate after third year, switch into the General degree. Be aware that 4th year courses can be optional courses. Apply to graduate on SOLUS.</td>
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<th>2ND YEAR</th>
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<tr>
<td>Take PHGY 210, BMED 270, BMED 271, BCNM 270, and one of MKR 270 or 271. Also take an additional 6.0 units of optional courses and 6.0 units of electives (which can include optional courses).</td>
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<tr>
<td>If you plan to graduate in four years with an Honours degree, consider completing one or more of the six optional learning tracks. Review the courses available for each one on the BHSc program website and register for them accordingly.</td>
</tr>
<tr>
<td>Begin to engage with a community organization to ready yourself for BMED 471.</td>
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<tr>
<td>If you're interested, apply as an upper year student to study at the Bader International Study Centre in the UK.</td>
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<tr>
<td>Check Queen's University International Centre (QUIC) resources for ideas to work/intern, or volunteer abroad.</td>
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<tr>
<th>3RD YEAR</th>
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<tr>
<td>Take BMED 370, BMED 372, BMED 373, PHGY 370, and PHAR 270. Also take an additional 9.0 units of optional courses and 6.0 units of electives (which can include optional courses).</td>
</tr>
<tr>
<td>If you have planned to declare a learning track at the end of this year, consider courses included in each track in your optional/elective choices.</td>
</tr>
<tr>
<td>If you're planning to graduate after third year, switch into the General degree. Be aware that 4th year courses can be optional courses. Apply to graduate on SOLUS.</td>
</tr>
<tr>
<td>If you're interested, apply as an upper year student to study at the Bader International Study Centre in the UK.</td>
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<tr>
<th>4TH YEAR (HONOURS)</th>
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<tbody>
<tr>
<td>Take BMED 471, BMED 472, and BMED 473. Also take an additional 15.0 units of optional courses and 6.0 units of electives (which can include optional courses).</td>
</tr>
<tr>
<td>If you have declared a learning track, make sure that required courses to complete your track(s) are considered.</td>
</tr>
<tr>
<td>Apply to graduate on SOLUS.</td>
</tr>
<tr>
<td>Investigate full-time jobs or further education related to careers of interest.</td>
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**Where could I go after graduation?**

- Animal research
- Audiology
- Biochemistry
- Biotechnology
- Dentistry
- Drug development
- Education
- Environmental management
- Epidemiology
- Ergonomics
- Ethics
- Forensics
- Genetics
- Graduate studies
- Health administration and public health
- Law
- Medical and clinical research
- Medical illustration
- Medicine
- Microbiology
- Neuroscience
- Nursing
- Nutrition & dietetics
- Occupational therapy
- Occupational health and safety
- Optometry
- Pharmacy
- Physical therapy
- Public and private research laboratories
- Public health
- Teaching
- Toxicology
- Veterinary medicine

*Some careers may require additional training and you may need to ensure your BHSc course selections fulfill the required pre-requisites. Career paths are suggestions only.

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

*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.*