

# Health Sciences



## Get to know

### HEALTH SCIENCES

Currently, 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, there are 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, Immunity, and Inflammation 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 as leaders, communicators, professionals, scholars, collaborators, and advocates, 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 can apply through Queen's Undergraduate Admission using the [webapp](#) or through OUAC (Code QHO). 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. Applicants accepted as an Interest 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](http://bhsc.queensu.ca)

# 2018-2019 Health Sciences PROGRAM MAP \*

BACHELOR OF HEALTH SCIENCES | BACHELOR OF HEALTH SCIENCES (HONOURS)



## Employability skills

Your time at Queen's will give you valuable skills to boost your employability, including:

- 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

## Where could I go after graduation?

- Biotechnology
- Dentistry
- Drug development
- Environmental management
- Forensics
- Health administration and public health
- Medical and clinical research
- Medicine
- Microbiology
- Neuroscience
- Nursing
- Nutrition & dietetics
- Occupational health and safety
- Optometry
- Toxicology
- Veterinary medicine

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

# Health Sciences

## PROGRAM MAP



### 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.

### 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.

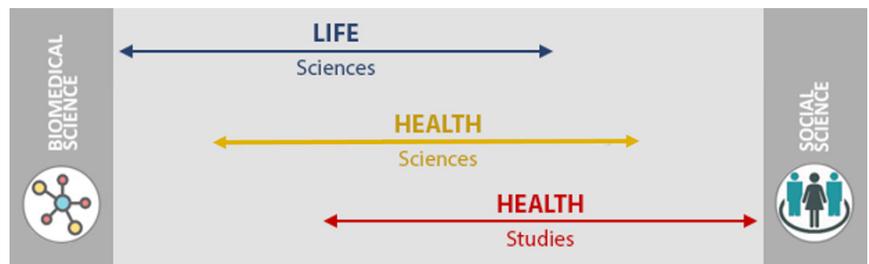
Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming living and learning environment offers the programs and services you need to be successful, both academically and personally, and Queen's wants you to succeed! Check out the **Student Affairs website** for available resources.

# Looking **AHEAD** to 2019

Beginning in September 2019, Queen's Faculty of Health Sciences will be offering a direct-entry, on-campus Bachelor of Health Sciences program. The on-campus BHSc program will be blended, offering a unique combination of face-to-face and online learning. Students won't be restricted by the traditional format and predefined hours of lecture-based learning, but instead will study online modules at their own pace and attend engaging classroom sessions where they will apply course material to real-world contexts.

In the flipped model offered by Queen's BHSc, the facilities are designed to enhance face-to-face interactions, enabling students to learn from each other and from course faculty in an efficient and effective manner. The on-campus program is built upon the same competency framework as the online program, with the curriculum focusing on critical thinking, application of knowledge, and on 'doing' rather than just 'knowing'.

Queen's BHSc has features of both the Life Sciences and Health Studies programs offered by Queen's. It focuses on human health from multiple viewpoints: from global and population health to molecular biology, and everything in between.



FACULTY OF  
HEALTH SCIENCES

**Bachelor of Health Sciences Program Office**

Botterell Hall, Room 563

18 Stuart Street

(613) 533-2566

bhsc@queensu.ca

bhsc.queensu.ca