LIFE SCIENCES
Specialization, Bachelor of Science (Honours)

Sample Year by Year

1ST YEAR
- BIOL 102/3.0
- BIOL 103/3.0
- CHEM 112/6.0
- 0.0 units from PHYS 104/6.0, PHYS 106/6.0, PHYS 117/6.0
- 6.0 units from MATH 120/6.0, MATH 121/6.0, (MATH 123/3.0 and MATH 124/3.0)
- 6.0 units of electives

2ND YEAR
- BCHM 281/3.0
- MICR 221/3.0
- CHEM 281/3.0
- CHEM 282/3.0
- PHGY 215/3.0
- PHGY 216/3.0
- ANAT 215/3.0
- ANAT 216/3.0
- DP 263/3.0 or BIOL 243/3.0
- 3.0 units of electives

3RD YEAR
- BCHM 310/9.0 or (BCHM 315/3.0 and BCHM 316/3.0)
- PHAR 340/3.0
- 3.0 units from MICR at the 300 or 400 level
- 9.0 units from LISC Options
- 6.0 units of electives

4TH YEAR
- PHAR 450/3.0
- 18.0 units in Sub-Plan (Biomedical Discovery, Biomedical Sciences, Cancer Research, Cardiorespiratory Science, Drug Development and Human Toxicology, and Neuroscience)
- 9.0 units of electives

Note that degree requirements are revised regularly. The most current requirements, including course lists and options, are found in the Academic Calendar at: [Qiartsci.com/academic-calendar](http://Qiartsci.com/academic-calendar)

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LIFE SCIENCES
LISC-P-BSH Specialization (Science) Bachelor of Science (Honours)

The unique group of scientists and faculty involved with Life Sciences at Queen’s share a common goal: to lessen the impact of disease and trauma by training the next generation of health care scientists and professionals. One of the largest Bachelor of Science degree programs at Queen’s, Life Sciences is in high demand by students who wish to pursue careers in biomedical research and health care.

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2018-19 thresholds

- **3.2 cGPA** AUTOMATIC ACCEPTANCE
  - min pass in CHEM 112
- **2.0 cGPA** PENDING LIST
  - min pass in CHEM 112

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit: [Qiartsci.com](http://Qiartsci.com)
## LIFE SCIENCES SPECIALIZATION MAP

### 1ST YEAR

- **Get the Courses You Need**
  - In first year you will have the chance to explore the foundations of Life Sciences in biology, chemistry, geography and geology along with some electives.
  - See the back page for specific courses to consider.
  - Attend *Majors Night* in the Winter term to learn more about *Options*.

- **Get Relevant Experience**
  - Join teams or clubs on campus such as the Synthetic Biology Organization, *Queen's First Aid* or *University Allied for Essential Medicine*.
  - See 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, such as *Let's Talk Science (LTS)*, *Queen's Union on Tropical Access to Health*, or local charities.

- **Get Thinking Globally**
  - Prepare for work or studies in a multi-cultural environment by taking QUIC’s *Intercultural Competency Certificate*, and research possible immigration regulations.
  - Speak to a QUIC 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.
  - Attend Information Sessions in November and January offered by the Associate Dean, Life Sciences and Biochemistry.

### 2ND YEAR

- **In first year you will have the chance to explore the foundations of Life Sciences in biology, chemistry, geography and geology along with some electives.**
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  - Join teams or clubs on campus such as the Synthetic Biology Organization, *Queen's First Aid* or *University Allied for Essential Medicine*.
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### 3RD YEAR

- **In first year you will have the chance to explore the foundations of Life Sciences in biology, chemistry, geography and geology along with some electives.**
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- **Get Connected with the Community**
  - Volunteer on or off-campus with different community organizations, such as *Let's Talk Science (LTS)*, *Queen's Union on Tropical Access to Health*, or local charities.

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### 4TH OR FINAL YEAR

- **In first year you will have the chance to explore the foundations of Life Sciences in biology, chemistry, geography and geology along with some electives.**
- **Get Relevant Experience**
  - Join teams or clubs on campus such as the Synthetic Biology Organization, *Queen's First Aid* or *University Allied for Essential Medicine*.
  - See 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, such as *Let's Talk Science (LTS)*, *Queen's Union on Tropical Access to Health*, or local charities.

- **Get Thinking Globally**
  - Prepare for work or studies in a multi-cultural environment by taking QUIC’s *Intercultural Competency Certificate*, and research possible immigration regulations.
  - Speak to a QUIC 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.
  - Attend Information Sessions in November and January offered by the Associate Dean, Life Sciences and Biochemistry.