# Specialization, Bachelor of Computing (Honours)

## degree PLAN

### Sample Year by Year

#### 1st Year
- **CISC 121/3.0**
- **CISC 124/3.0**
- 6.0 units from (CISC 102/3.0 and MATH 112/3.0) or (CISC 102/3.0 and MATH 111/6.0) or MATH 110/6.0
- 6.0 units from MATH 120/6.0, MATH 121/6.0 or (MATH 123/3.0 and MATH 124/3.0)
- 12.0 units of electives

#### 2nd Year
- **CISC 203/3.0**
- **CISC 204/3.0**
- **CISC 221/3.0**
- **CISC 223/3.0**
- **CISC 235/3.0**
- **CISC 260/3.0**
- **MATH 225/3.0 or MATH 231/3.0**
- **MATH 272/3.0 or MATH CISC 271/3.0**
- **MATH 221/3.0 or MATH 280/3.0**
- **STAT 263/3.0 or STAT 269/3.0**

#### 3rd Year
- **CISC 322/3.0 or CISC 326/3.0**
- **CISC 324/3.0**
- **CISC 365/3.0**
- 6.0 units from MATH 210/3.0, MATH 211/6.0, MATH 310/3.0, MATH 311/3.0, MATH 413/3.0, MATH 414/3.0
- **STAT 268/3.0 or STAT 351/3.0**
- 12.0 units of electives

#### 4th Year
- **CISC 497/3.0**
- **CISC 499/3.0 or CISC 500/6.0**
- 12.0 units from COMA_Options
- 12.0 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: QUartsci.com/academic-calendar

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**COMPUTING AND MATHEMATICS**

**COMA-P-BCH Specialization (Computing) Bachelor of Computing (Honours)**

The specialization in Computing and Mathematics is for students aiming to do graduate work in the theory of computing or in an applied area of Computing that requires significant mathematical expertise, such as communications, optimization, security, or biomedical computing. This program gives students a potent combination of skills in computer science as well as mathematics, preparing them well to pursue advanced degrees or take up careers in a variety of areas in the industry.

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**TOP 5 REASONS to study COMPUTING**

1. Computing is one of the top degrees for career opportunities in North America.
2. Learn from outstanding professors who are internationally recognized experts and committed educators.
3. Gain the skills and theoretical knowledge you’ll need to excel as a computer scientist.
4. Take courses which reflect the sweeping uses of computing in all aspects of modern life.
5. Test the waters and explore your passions outside of computing while still immersed in our diverse multidisciplinary offerings.

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**ALUMNI JOBS**

- **9%** of alumni work in PHARMAceuticals
- **15%** of alumni work in INSURANCE
- **18%** of alumni work in BANKING & INVESTMENT
- **21%** of alumni work in EDUCATION

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**Susan Bartlett** is a Queen’s University alumna with a BSc from the School of Computing. Through skills honed at Queen’s, Susan leads teams of designers, researchers, and business strategists to deliver innovative solutions at Bridgeable. She is passionate about understanding the complex interactions people have with the world around them.

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**2018-19 thresholds**

- **2.3 cGPA**
- **PENDING LIST**
- min B- in CISC 12"