Computing is one of the top degrees in North America in terms of career opportunities. That’s a good reason to study it – but it’s not the only reason. It is also one of the most exciting and diverse subjects of study today, particularly at the Queen’s School of Computing. Whether you’re interested in computer science, software design, or game development, we can offer you a vast range of courses. We also offer a variety of innovative and exciting interdisciplinary programs, such as Biomedical Computing, Computing and Mathematics, Cognitive Science, and Computing and the Creative Arts.

**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

**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.

Susan Bartlett is a Queen’s University alumna with a BSc in Software Design and a BA in English Literature. Through skills honed at Queen’s, Susan leads teams of designers, researchers, and business strategists to deliver innovative solutions at Bridgdeable. She is passionate about understanding the complex interactions people have with the world around them.

**2018-19 thresholds**

- **2.6 cGPA** AUTOMATIC ACCEPTANCE min B in CISC 12#
- **2.3 cGPA** PENDING LIST min B- in CISC 12#
The Bachelor of Computing (Honours) program at Queen's University offers a variety of courses and opportunities to prepare students for their career in Computing. The program is designed to equip students with a strong foundation in Computer Science, as well as a range of skills that can be applied in various fields.

### 1ST YEAR
- **In first year you will have the chance to explore the foundations of Computing along with some electives.**
- **Attend Majors Night in the Winter term to learn more about Plan options.**

### 2ND YEAR
- **Start going deeper into the discipline of Computing, while considering a minor and/or certificate such as Entrepreneurship, Innovation and Creativity.**
- **Attend Degree+ in the Fall term to learn more about Certificates and Internship options.**
- **Want to make sure your academics are where you want them to be? Visit SASS (Student Academic Support Services) and the Writing Centre for some help.**

### 3RD YEAR
- **A chance to start grouping courses in areas of interest, or to keep it more general and explore many areas of Computing. Meet with an Academic Advisor to make sure you are on track and have planned out your courses for next year — for some ideas, see the back page.**

### 4TH OR FINAL YEAR
- **In fourth year you will have the chance to participate in research-based courses that can lead to Graduate School or to your future career path. Make sure to finish up all your courses for your major and your optional minor and/or certificate(s).**
- **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.**

### GET THE COURSES YOU NEED
- **Join teams or clubs on campus such as the Mostly Autonomous Sailboat Team (MAST).**
- **Participate in Open Source Development projects. Join the Queen’s ACM Programming Team. See the AMS Clubs Directory or the Queen’s Get Involved page for more ideas.**

### GET RELEVANT EXPERIENCE
- **Volunteer on or off campus with different community organizations such as Women in the School of Computing, Queen’s ACM, or the Queen’s Innovation Office.**
- **Get involved with the Computing Students Association (COMPASA). Consider volunteering with initiatives such as high school programming competitions, Hour of Code, or local FIRST Robotic teams. Consider entrepreneurial opportunities via programs like the Queen’s Innovation Connector Summer Initiative (QIC5).**

### GET CONNECTED WITH THE COMMUNITY
- **Speak to a QUIC advisor to get involved in their programs, events, and training opportunities.**
- **Consider joining professional associations like the Association for Computing Machinery (ACM).**
- **Join groups on LinkedIn reflecting specific careers or topics of interest in Computing.**
- **International students interested in staying in Canada can speak with an International Student Advisor.**

### 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.**
- **It’s an exchange in your future? Start thinking about where you would like to study abroad. Apply in January for a third year exchange through the International Programs Office.**

### GET READY FOR LIFE, AFTER GRADUATION
- **Grasping with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.**
- **Build your transferable skills in time management, organization, writing and more with Student Academic Success Services.**
- **Explore careers of interest by reading books in the Career Services Information Area, such as Careers in High Tech. For more information check out Career Cruising or by finding and connecting with alumni on LinkedIn.**
- **Start focusing on areas of interest. Research education requirements for careers of interest. If needed, prepare to take any required tests (like the MCAT or GMAT) and get help thinking about Grad School from Career Services.**

### What will I learn?
- A degree in Computing can equip you with valuable and versatile skills, such as:
  - Ability to design, develop and maintain software systems
  - Oral and written communication to summarize complex ideas and present data in visual formats
  - Ability to model and solve a diverse range of problems
  - Critical thinking and systematic problem-solving approaches
  - Proficiency in mathematics and logical computational thinking
  - Resource and time management
  - Project management

### Where can I go?
- A degree in Computing can take your career in many directions. Many students choose to continue their academic inquiry with a Master’s. Our students are equipped with a strong foundation for careers in:
  - 3D animator
  - Biomedical computing
  - Biotechnician
  - Computer programmer
  - Cryptographer
  - Database administrator
  - Game development/design
  - Graphic artist
  - Information architect
  - Robotics
  - Software architect
  - Software developer
  - Software tester
  - Sound designer
  - Systems analyst
  - Web developer

Taking time to explore career options, build experience and network can help you have a smooth transition to the world of work after graduation.