Computer science 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 software design, artificial intelligence, game development, or biomedical computation, we can offer you a vast range of courses to fit your interests – and that’s only scratching the surface. Combine a Computing Major with a Minor in another discipline or take one of our more focused Specializations. The combinations are endless and will prepare you for today’s fast-paced digital world, no matter what career you choose.

**Our alumni go on to work for...**

- Adobe
- Amazon
- Apple
- CBC/Radio-Canada
- Cisco Systems
- Electronic Arts
- Facebook
- Google
- IBM
- Microsoft
- NASA
- Oracle
- SickKids Hospital
- Statistics Canada
- Symantec
- Toronto-Dominion Bank

**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 Bridgeable. She is passionate about understanding the complex interactions people have with the world around them.

**2019-20 major thresholds**

- **2.6 cGPA** automatic acceptance min B in CISC 12#
- **2.3 cGPA** pending list min B- in CISC 12#

Thresholds are made on a competitive basis and are updated annually. To see the thresholds for all programs as well as the latest information, please visit quartsci.com/planelection

**Add a CERTIFICATE to your degree**

- Employment Relations
- Entrepreneurship, Innovation and Creativity
- Data Analytics
- Disability and Physical Activity
- French for Professionals
- Geographic Information Science
- Global Action and Engagement
- Indigenous Languages and Cultures
- International Studies
- Media Studies
- Sexual and Gender Diversity
- Urban Planning Studies
- quartsci.com/certs

That is a degree from Queen’s.

cs.queensu.ca
First year is a good time to consider which area of computer science you would like to study, while learning the foundations of computer science and taking electives. We offer 8 main pathways to a Computing degree (or BA in the case of Computing and the Creative Arts).

Attend Majors Night in the Winter term to learn more about which path is right for you.

Join teams or clubs on campus such as the Queen's Autonomous Sailboat Team (QAST). Participate in Open Source Development projects. Join the Queen’s CM Programming team. See the AMS Clubs Directory or the Queen's Get Involved page for more ideas.

Volunteer on or off campus with different community organizations such as Queen's Women in Computing (QWIC). Offer your services to a non-profit organization. Organize after school programming or robotics clubs in the local elementary or secondary schools.

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.

Start going deeper into the discipline of computer science, 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.

Stay during the summer as an assistant to a faculty member. Consider applying to the 12-16 month Queen's Undergraduate Internship Program through Career Services. Consult the School's FAQ and consider applying.

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 (QICS).

Connect with professors at events or workshops hosted by the School, COMPASA and QWIC. Connect with alumni by joining the LinkedIn group Queen's Connects. Attend conferences like the Canadian Celebration of Women in Computing (CAN-CWIC).

Is 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.

Build your intercultural competence by getting involved with other cultures by practicing or improving your language skills.

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.
Computing

MAJOR MAP

Why study in Kingston?
For 175 years, our community has been more than a collection of bright minds – Queen’s has attracted students with an ambitious spirit. Queen’s has the highest retention rates, the highest graduation rates, and one of the highest employment rates among recent graduates. We are a research intensive university focused on the undergraduate experience. The BBC has identified us as one of the GREATEST UNIVERSITY TOWNS in the world – and is often awarded the safest city in Canada.

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.

We’re closer than you think
For more information, contact quip@queensu.ca or visit the Program Website.

Why study in Kingston?
For 175 years, our community has been more than a collection of bright minds – Queen’s has attracted students with an ambitious spirit. Queen’s has the highest retention rates, the highest graduation rates, and one of the highest employment rates among recent graduates. We are a research intensive university focused on the undergraduate experience. The BBC has identified us as one of the GREATEST UNIVERSITY TOWNS in the world – and is often awarded the safest city in Canada.

We are a university city at the core; just a quick drive to Toronto, Montreal, Ottawa and even New York. A university with more clubs per capita than any other university in Canada, and a city with more restaurants per capita than any other city in North America – you will have the experience of a lifetime at Queen’s – and graduate with a degree that is globally recognized among the best.