

Computing

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.

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.

Alumni Story

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.

TOP ALUMNI JOBS

ADOBE™
AMAZON™
APPLE™
CBC/RADIO-CANADA™
CISCO SYSTEMS™
ELECTRONIC ARTS™
FACEBOOK™
GOOGLE™
IBM™
MICROSOFT™
NASA™
ORACLE™
SICKKIDS HOSPITAL™
STATISTICS CANADA™
SYMANTEC™
TORONTO-DOMINION BANK™



add a **CERTIFICATE**

Data Analytics
Disability and Physical Activity

Employment Relations

Entrepreneurship, Innovation and Creativity

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

2023-24 Plan Thresholds

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/planselection

Interested in finding out how to augment your degree with Experiential Learning? Learn what opportunities and resources are available for you on the [Experiential Learning website](#). You can also reach out to the team directly at asc.el@queensu.ca.

[QUartsci.com/certs](https://quartsci.com/certs)

Acquire Skills. Gain Experience. Go Global.

That is a degree from Queen's.

cs.queensu.ca

Computing MAJOR MAP

BACHELOR OF COMPUTING (HONOURS): MAJOR, MINOR, SPECIALIZATION



What will I learn?

A degree in Computing can equip you with:

- 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 animation
- Artificial intelligence
- Biotech
- Computer programming
- Computing and the creative arts
- Cognitive science
- Cryptography and cybersecurity
- Data analytics
- Database administration
- Game development/design
- Software architecture
- Software development
- Software testing
- Systems administration
- Web development

and much more!

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

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.

Computing



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. Queen's wants you to succeed! Check out the [Student Affairs website](#) for available resources.



School of Computing
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QUIP QUEEN'S UNDERGRADUATE INTERNSHIP PROGRAM

START DATES in May, September, or January
POSITIONS are paid and full-time
WORK TERMS are 12-16 months long

PROGRAM OVERVIEW

- Graduate with a "Professional Internship" degree
- Learn about current advances, practices and technologies in business and industry.
- Test drive a career, earn a competitive salary, and get real world experience.

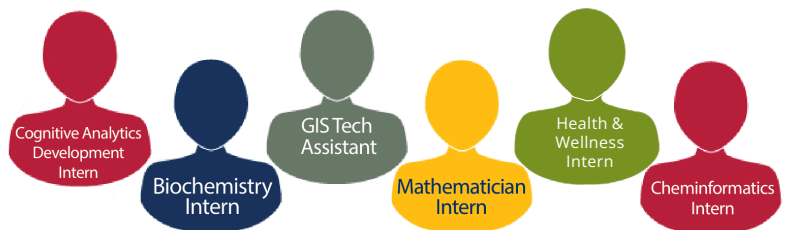
ELIGIBILITY

- 2nd or 3rd Year Students
- Minimum GPA of 1.9

WHY QUIP?

- Gain a year of career-related work experience.
- Build network connections.
- Receive support from Queen's staff in job search and during internship.

SAMPLE PAST INTERNSHIPS



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 Kingston as one of the GREATEST UNIVERSITY TOWNS in the world – and it is often awarded the safest city in Canada. It is 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.

We're closer than you think.

