COMPUTING AND THE CREATIVE ARTS

Specialization, Bachelor of Arts (Honours)

This innovative degree is aimed at students with interests and abilities in both computing and the creative arts. Students who enrol in this program take courses offered by Art History, Drama, Film and Media, or Music, while maintaining a solid concentration in Computer Science. Learn how to use cutting-edge computer software programs for artistic production, develop new approaches to artistic expression, and acquire the technical expertise to develop new applications and take full advantage of future trends in digital technology. Imagine interactive fashion, multiscreen performance or digital art galleries of the future.

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

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

1ST YEAR
- CISC 101/3.0
- CISC 124/3.0
- CISC 102/3.0 or MATH 110/6.0
- 6.0 units from (ARTH 116/3.0 and ARTH 117/3.0, or ARTH 120/6.0)
- OR (DRAM 100/6.0) OR (FILM 110/6.0, or FILM 104/3.0 and BISC 100/3.0) OR (MUSC 104/3.0 and MUSC 156/3.0)
- 15.0 units of electives

2ND YEAR
- COCA 201/3.0
- CISC 203/3.0
- CISC 204/3.0
- CISC 220/3.0
- CISC 223/3.0
- CISC 235/3.0
- 9.0 units from Sub-Plan of choice (Art, Drama, Film, Music)
- 3.0 units of electives

3RD YEAR
- CISC 260/3.0
- CISC 325/3.0
- CISC 352/3.0
- 10 units from CISC, CISC_subs at the 200 level or above
- 12.0 units from Sub-Plan of choice (Art, Drama, Film, Music)
- 6.0 units of electives

4TH YEAR
- CISC 363/3.0
- 3.0 units from CISC, CISC_Subs at the 400 level
- 12.0 units from Sub-Plan of choice (Art, Drama, Film, Music)
- 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: QUarts.com/academic-calendar
## Get the Courses You Need

**1st Year**
- In first year you will have the chance to explore the foundations of Computing and one of either Art History, Drama, Music or Film and Media courses along with some electives.
- See the back page for specific courses to consider.
- Attend Majors Night in the Winter term to learn more about Plan options.

**2nd Year**
- Start going deeper into the discipline of Computing and the Creative Arts, while considering a certificate such as Media Studies. Attend Degree in the Fall term to learn more about Certificate and Internship options.
- Want to make sure your academics are where you want them to be? Visit QSS (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 and the Creative Arts. 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 certificate(s).

### What will I learn?
- A degree in Computing and the Creative Arts can equip you with valuable and transferable 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 and the Creative Arts can take your career in many different 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
  - Art management
  - Computer programmer
  - Cryptographer
  - Database administrator
  - Game development/design
  - Graphic designer
  - Human factors
  - Interaction designer
  - Multimedia design
  - New media artist
  - Software architect
  - Software developer
  - Software tester
  - Sound designer
  - Systems analyst
  - Web developer

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

### What can I do?
- Explore careers of interest by reading books in the Career Services Information Area, such as Careers in High Tech. For more information check out Careers in Cruising or by finding and connecting with alumni on LinkedIn.
- Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career 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 Careers in 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.