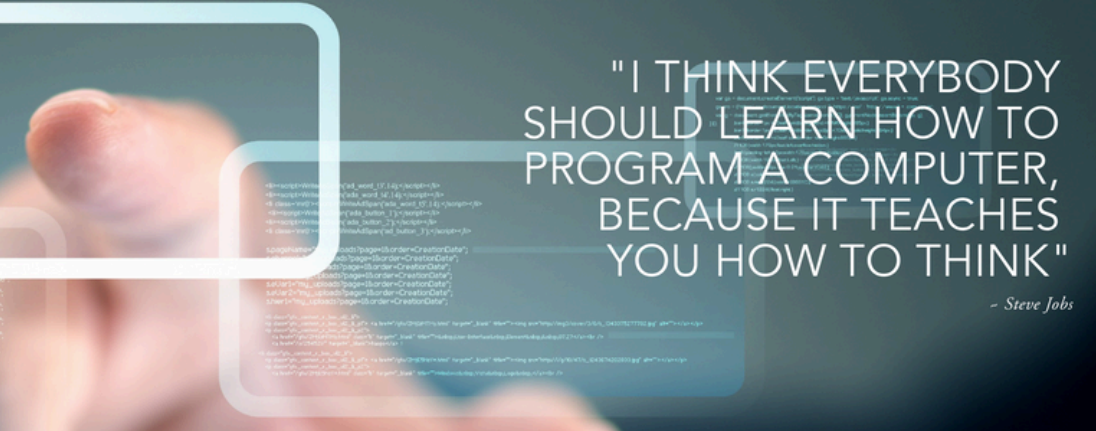


COMPUTER SCIENCE



FACULTY OF SCIENCE

A graphic featuring a close-up of a hand with a finger pointing towards the right. Overlaid on the image are several semi-transparent rectangular boxes containing code snippets and a large quote. The quote is in white text on a dark background.

"I THINK EVERYBODY SHOULD LEARN HOW TO PROGRAM A COMPUTER, BECAUSE IT TEACHES YOU HOW TO THINK"

- Steve Jobs

ABOUT COMPUTER SCIENCE

Virtually every discipline - practical, theoretical or creative - is experiencing the influence of computers. The ever-increasing dependence on computer technology in our daily lives presents rich opportunities for those interested in the design of new applications and systems.

Every career can benefit from a deeper understanding of computing. Being the person at work that understands technology makes you indispensable and relevant no matter where you work.

DEGREES OFFERED

- B.Sc. major or honours in computer science
- BA major or honours in computer science

Students wanting to focus their studies can complete one or more optional concentrations in the field of Artificial Intelligence, Data-centric Computing, Theoretical Computing or Visual Computing and Games. Each concentration consists of a set of courses that specializes in its field. Concentrations can be completed by BA and BSc majors and honours students.

The following joint programs are also offered: applied mathematics/computer science, computer science/economics, computer science/physics (honours and major), computer science/pure mathematics (honours and major), computer science/statistics (honours and major).

Our flexible minor program allows students to specialize how they want and combine their computing skills and knowledge with their chosen speciality.

COMPUTER SCIENCE AT MEMORIAL

We offer individual courses and full programs so any student can develop their computer skills and interest regardless of their career trajectory. We offer courses in topics such as machine learning, games and computer graphics, as well as traditional courses in systems design and programming.

CO-OPERATIVE INTERNSHIP IN COMPUTER SCIENCE

Memorial's Co-operative Internship in Computer Science provides an opportunity for students to obtain

rewarding and paid work experiences in industry so they can explore career options and develop workplace skills at the same time.

CAREERS

Any career will benefit from computing skills and our graduates work in:

- Computational science
- Artificial intelligence/machine learning
- Game development
- Data science
- Mobile computing development
- Cloud computing
- Embedded systems
- Software development
- Web development

Careers in computer science have high salaries and job availability. Our students work in a variety of sectors, and computer scientists are needed in virtually every new business environment.

Memorial is a leading university when it comes to entrepreneurship, and Computer Science students are highly involved in our 'start-up' culture.

FOR MORE INFORMATION

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