The School of
Computer Science

The School of Computer Science (SOCS) groups 34 faculty members who teach and do research on a wide variety of computer science and software engineering topics. Courses at McGill are taught in English. For most upper-level computer science courses, classes are small (about 10-30 students), and students have numerous opportunities for direct interaction with professors.

Our Undergraduate Programs

The School of Computer Science offers several interesting study programs. Our three most popular programs are:

- **Major in Computer Science**, for students interested in a broad study of computer science topics.
- **Major in Software Engineering**, for students interested in problems related to the design, development, and maintenance of software systems.
- **Minor in Computer Science**, for students interested in a computer science complement to another major field of study.

Other programs that combine the study of computer science with other topics are also offered by other departments in the Faculty of Science and in the Faculty of Arts.

McGill computer science students also have access to an internship program.
For More Information

For more information, including detailed instructions on how to apply, visit our website at http://www.cs.mcgill.ca/prospective-students/undergraduate/cegep

Contact Us

School of Computer Science

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Why You Should Apply

A university-level education in computer science will help you develop your analytical thinking and creative problem-solving skills while studying a wealth of exciting topics with a wide range of applications (from medicine to business). An undergraduate education in computer science will also open the door to careers in a variety of companies (engineering, high-tech, pharmaceutical). Computer Science graduates are currently in high demand. For those of you who may be thinking about graduate studies, a degree in computer science is an excellent foundation for the study of computer science at the graduate level (M.Sc. or Ph.D.). McGill is an internationally-recognized university, and our graduates typically move on to fulfilling careers or further studies in the top companies or universities. Another option is to study computer science as a scientific preparation for another field of study, such as medicine.

What You Need To Apply

If you are completing a science pre-university CEGEP program, you should apply to the B.Sc. programs offered through the Faculty of Science. To be eligible to enter the program of your choice you will need your DEC and to have completed the following CEGEP-level courses: Biology - NYA (00UK); Chemistry - NYA, NYB (00UL, 00UM); Mathematics - NYA, NYB, NYC (00UN, 00UP, O0UQ); Physics - NYA, NYB, NYC (00UR, 00US, O0UT). If this is your case, you should apply though the Faculty of Science.

If you have a different background that includes some mathematics, you can still enter B.A. programs in Computer Science. In this case you should apply to the Faculty of Arts.

Note that you do not need to have prior experience with computer science to apply to our programs: you can start with our introductory programming course, COMP 202, Introduction to Computing I. However, if you have already completed a course in programming, you may be able to start your McGill program directly with the course COMP 250, Introduction to Computer Science I.