

COMPUTER SCIENCE AND MATHEMATICS

ABOUT THE PROGRAM — This program will allow graduates to pursue studies in the exciting and ever growing field of Computer Science. As a pre-university program, students are also able to enter university programs in Mathematics, Actuarial Sciences, Computer Gaming, Information Systems as well as traditional fields of study in both engineering and sciences.

The innovative computer science courses in this program will give you the chance to take your skills, interests and passion for computers and technology and turn them into an exciting base for academic studies. Students will use a program approach to present scientific solutions to problems using math, chemistry and physics. While studying Computer Science and Mathematics you will combine science and computer technology courses.

YOU WILL LEARN

↳ Interpret and evaluate solutions and theories ↳ Take a systematic approach to problem solving ↳ Use information and communications technologies to solve problems in a scientific context ↳ Conduct research and carry out projects pertaining to situations, problems or issues by drawing on several fields of knowledge ↳ Learn to work individually and as part of a team ↳ Develop personal abilities in analysis and reasoning ↳ Conduct a comprehensive assessment in the area of computer science and mathematics

APPLICATION DEADLINE: MARCH 1st FOR THE FALL SEMESTER

Minimum Admission Requirements:

Quebec Secondary School Diploma or a level of education that is deemed equivalent by the College. Even if applicants meet the requirement of the Règlement sur le régime des études collégiale, they may be refused admission due to lack of space.

Prerequisites:

Mathematics TS 5 or SN 5, Secondary 5 Chemistry, Secondary 5 Physics

Contact Information:

900 Riverside Drive, Saint-Lambert, Québec, J4P 3P2
Telephone: 450-672-7360 ext. 3256 / Toll-Free: 1-877-929-9197
www.champlainonline.com

SEMESTER BREAKDOWN

SEMESTER

1

Calculus I
Mechanics
Introduction to Programming
English
Humanities
Physical Education

SEMESTER

2

Calculus II
Waves, Optics & Modern Physics
Data Structures and Object Oriented Programming
English
Humanities
French

SEMESTER

3

Program Development in a Graphical Environment
General Chemistry
Electricity & Magnetism
English
Humanities
Complementary
Physical Education

SEMESTER

4

Discrete Mathematics
Linear Algebra
Integrative Project in Computer Science and Mathematics
English
French
Complementary
Physical Education

A NEW SEASON – A NEW SEASON – A NEW SEASON – A NEW SEASON
