

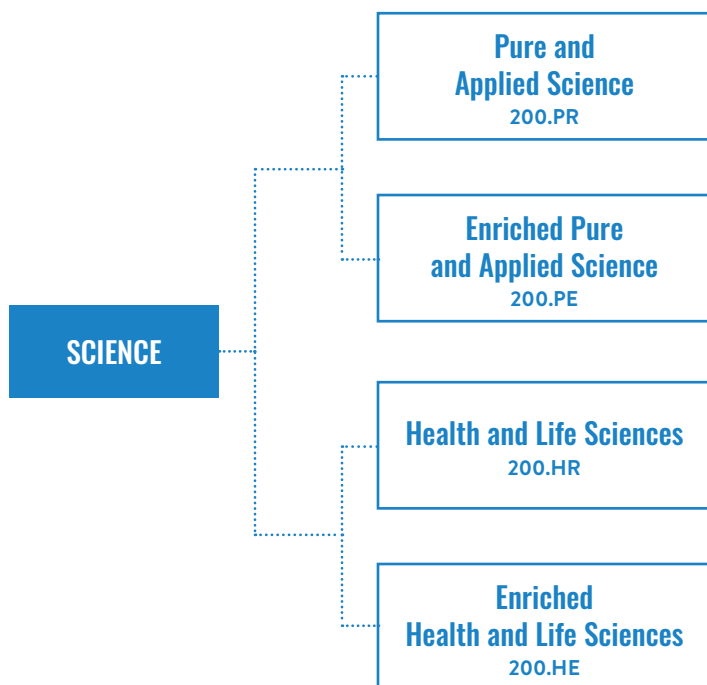
# SCIENCE

200.B1



2 YEARS

[www.dawsoncollege.qc.ca/science](http://www.dawsoncollege.qc.ca/science)



The Science Program is one of the most rigorous academic programs at Dawson College. Once here, you will enjoy studying with other enthusiastic learners and working in Dawson's modern and well-equipped labs. Apart from the usual courses in Chemistry, Physics, Biology and Mathematics, you will have opportunities to learn outside the classroom. Perhaps you will present a project at ScienceFest, participate in a Neuroscience research project or join SPACE. There are two profiles in Science and two enriched options, which offer even more learning opportunities. No matter what you choose, you will have an excellent preparation for any science program at university: medicine, engineering, animal health, biochemistry, pharmacology and much more.

## DID YOU KNOW?

Dawson is introducing a new Science, Computer Science and Mathematics Program with the first cohort starting in Fall 2024.

## Profiles

The **Health and Life Sciences Profile** is designed for students with an interest in Biology or Chemistry, and who are interested in pursuing university studies in related areas such as medicine, dentistry, physiotherapy, physiology, biochemistry, pharmacology, veterinary medicine, ecology, or environmental sciences.

The **Pure and Applied Science Profile** is designed for students with an interest in Physics, Mathematics, or Computer Science, and who are interested in pursuing university studies in areas such as engineering, physics, mathematics, or computer science.

Highly motivated students may choose to pursue **Enriched Health and Life Sciences** or **Enriched Pure and Applied Science**. These profiles are designed to enhance the student learning experience in the sciences by engaging in curricular and extra-curricular activities that go above and beyond the regular Science Program.

## Frequently Asked Questions

### How many Science profiles do you offer?

Students can choose between 2 profiles in the Science Program: Health and Life Sciences and Pure and Applied Science. For each of these profiles, there is a corresponding Enriched option for students who wish to get involved in Science outside the classroom with additional learning opportunities.

### What are the differences between the Science profiles?

All Science students, regardless of profile, take a total of 15 Science courses including 13 compulsory Science courses: 2 in biology, 2 in chemistry, 4 in mathematics, 3 in physics, 1 computer programming course and 1 multidisciplinary project. The differences between the profiles are in the sequence of Science courses and the selection of the two Science option courses and Integrative Project, which can either be taken as a package or chosen individually.

Students in Health and Life Sciences are guaranteed priority access to option courses that are prerequisites for acceptance into medicine at university. Pure and Applied Sciences students may also take these medicine prerequisite courses if there is space.

### What are the differences between the Science profiles and the Science, Computer Science and Mathematics Program?

Students within the Science Program must complete 1 Computer Science course, whereas students in the Science, Computer Science and Mathematics Program must complete 4 Computer Science courses.

While graduates of Health and Life Sciences and Pure and Applied Sciences (Enriched versions included) receive a diploma in Science, graduates of the new program receive a diploma in Science, Computer Science and Mathematics.

### What impact does the choice of profile have on my opportunities at university?

All profiles within the Science Program lead to a DEC in Science and thus to all science and engineering programs at university. Deciding between Health and Life Sciences and Pure and Applied, or deciding between regular and Enriched Science makes no difference when applying to university. They are great choices for students who are yet undecided about their future plans.

Science, Computer Science and Mathematics is a separate two-year pre-university program for those who already know they intend to study in one of these three areas at university. It does not include the prerequisites for students wishing to pursue medical professional university programs. It is the student's responsibility to verify admission requirements directly with the university or program of interest.

### Which grades are considered during admission?

Dawson calculates an overall average based on Secondary IV final and Secondary V midterm grades. For prerequisite courses, the Admissions Office looks at Secondary V midterms. If you are selected, you are sent a conditional offer of admission. In July, final grades are received from the Ministry of Education and reviewed to ensure that you have obtained your high school diploma and maintained appropriate grades in prerequisite courses.

### How competitive is the Science Program at Dawson?

Admission to all Science profiles is very competitive. The number of students that Dawson can accept into the Science Program is limited, and admission averages change from year to year depending on the size and strength of the applicant pool.

### Will being in Enriched Pure and Applied or Enriched Health and Life Sciences lower my R-Score?

No. Being in Enriched Science does not disadvantage students when it comes to the R-Score.