

Health and Life Sciences 200.HR

2 YEARS

Application deadline › March 1 • November 1


www.dawsoncollege.qc.ca/health-science/

If you would like to:

- Be well prepared for university studies in life sciences, medicine, ecology or environmental sciences
- Have priority for advanced chemistry and biology courses that are prerequisites for medicine
- Have priority for Integrative Project sections that relate to biology and chemistry, including health and the environment
- Explore advanced ideas in mathematics, physics, chemistry and biology
- Understand the natural world
- Use logical reasoning to solve problems
- Recognize how scientific knowledge is constructed
- Obtain a DEC in Science

Then the Health and Life Sciences Profile could be for you.

Dreaming of a career in medicine, dentistry or health and life sciences? The Health and Life Sciences Profile is designed for students with a particular interest in biology and chemistry.

The first year gives students a wide variety of courses in science disciplines. The second year allows students to go deeper into disciplines related to health science. They will take the prerequisite courses for medicine: Human Anatomy and Physiology; and Organic Chemistry. In addition, they will have guaranteed spots in courses related to health and environmental science for their Integrative Project.

Students in this profile are part of a brilliant and curious learning community. Dawson's Health and Life Sciences students are Quebec's future leaders in medicine, research, industry and academia.



Health and Life Sciences at Dawson was the perfect preparation for university. It gave me the opportunity to learn, become autonomous, have fun and make life-long memories and friendships.

– Sophie E.

What will you learn?

- To think like a scientist
- To employ a scientific method
- To read and analyze scientific publications
- To choose and appropriately use digital technologies to support learning, to present content, to model, to simulate and to program
- To design and implement a scientific project
- To collect, analyze and communicate experimental data
- To solve complex problems

Where will this profile lead you?

Graduates of this profile are well prepared for a wide variety of university studies, such as medicine, dentistry, physiotherapy, physiology, biochemistry, pharmacology, veterinary medicine, ecology, or environmental sciences.

What do you need to apply?

- A Diploma of Secondary Studies (DES) or academic background judged equivalent to the DES
- Sec V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506
- Sec V Chemistry 551-504
- Sec V Physics 553-504

Conditional admission is based on Secondary IV final and Secondary V mid-term grades. Final admission into the Science program is contingent on obtaining a DES which includes the prerequisite courses with appropriate grades.

Health Science Option Courses

Health Science students will choose two option courses from this list. Please note that not all courses are offered every year.

- Human Anatomy and Physiology
- Field and Community Ecology
- Biotechnology
- Multivariable Calculus
- Discrete Mathematics
- Linear Algebra 2
- Organic Chemistry
- Environmental Chemistry
- Forensic Chemistry
- Organic Chemistry 2
- Astrophysics
- Engineering Physics
- Medical Physics
- Physical Geology
- Programming in Science 2
- Programming for Data Science
- Algorithms: Real World Applications
- Applied Mathematics in Science