SCIENCE

DEC in Science

Biomedical Laboratory Technology 140.C0

3 YEARS

Application deadline › March 1



www.dawsoncollege.qc.ca/biomedical-laboratory-technology

If you would like to:

- Become a member of a healthcare team and provide essential laboratory results to aid in patient care
- Perform clinical laboratory testing using automated instrumentation and the latest testing methodologies
- Learn in small classes with personalized attention from your teachers
- Complete clinical internships in diagnostic or research laboratories to prepare you for your professional career

Then the Biomedical Laboratory Technology Program could be for you.

Certification

Ordre professionnel des technologistes médicaux du Québec • Canadian Alliance of Medical Laboratory Professionals Regulators

The Biomedical Laboratory Technology Program gives students the theoretical knowledge and practical skills to contribute to the prevention, diagnosis and treatment of disease by providing biomedical laboratory services to physicians and other clients.

> This program was an excellent stepping stone into my profession, training me with skills I will use every day in the workforce.
>
> – Yousha A.

What will you learn?

- To apply health and safety practices to protect yourself, patients, co-workers and the environment
- To use highly specialized instruments and techniques to analyze biological specimens
- To perform laboratory analyses in hematology and hemostasis (the study of blood cells and blood coagulation), clinical biochemistry (the study of body functions and chemical processes), histology (the study of body tissues and organs), clinical microbiology (the study of microorganisms), transfusion science (the study of blood transfusions) and molecular biology (the study of biology on a molecular level).
- To produce reliable results which aid in the diagnosis of disease and in research into medical conditions and treatments
- To develop interpersonal and communications skills that allow you to interact as a team member and with patients
- To adapt to evolving technologies and techniques in biomedical analysis

Where will this program lead you?

The broad training in many specialties results in excellent employment opportunities locally and across Canada. Many jobs are available in hospitals, research centres, clinics and private laboratories as well as the Canadian Armed Forces. A number of employment opportunities also exist with pharmaceutical companies and biotechnology research laboratories.

You can become a member of the *Ordre professionnel des technologistes médicaux du Québec* upon completion of the program. You can also become nationally certified by the Canadian Alliance of Medical Laboratory Professionals Regulators, which will allow you to be recognized anywhere in Canada as a medical technologist.

Some graduates continue their education at the university level in programs including Microbiology, Immunology, Genetics, Biochemistry, Laboratory Management and Medicine. Additional prerequisites may be required and, in some cases, advanced credit is given.

What do you need to apply?

- A Diploma of Secondary Studies (DES) or academic background judged equivalent to the DES
- Sec IV Mathematics – Technical & Scientific option or Science option 564-426 or 565-426 or Sec V Cultural, Social & Technical option 563-504
- Sec V Chemistry 551-504
- Sec V Physics 553-504
- Interview*
- Placement at the English 101 level (or higher) required; testing may be required
- Placement at French 602-100 level (or higher) required for applicants who are completing or completed Quebec High School. For applicants whose education is/was completed outside Quebec, B2 level in four-component French proficiency test is required

*For the most up-to-date and complete details, visit www.dawsoncollege.qc.ca/biomedical-laboratory-technology

What else should you know?

- The program is fully accredited by **EQual Canada**, and undergoes rigorous and continuous evaluation to ensure that students receive the highest standards of education in the field

Once admitted to the program, students:

- may need to pass a criminal record check
- must provide proof of a complete immunization record

Dawson COLLEGE
3040 Sherbrooke St. West
Montreal, Quebec H3Z 1A4
dawsoncollege.qc.ca

The information contained in this document was accurate and complete at the time of printing.