

## Bachelor of Science in Medical Laboratory Science Tip Sheet 2023

### PROGRAM DETAILS

The Division of Medical Laboratory Science in the Faculty of Medicine & Dentistry at the University of Alberta offers a versatile, four-year professional degree program in Medical Laboratory Science (students acquire both general certification from the Canadian Society for Medical Laboratory Science and a BSc in Medical Laboratory Science). The program is designed to provide a broad, well-rounded education to meet the demand in public and private labs for more highly qualified laboratory personnel.

This fully integrated program consists of a pre-professional year followed by three years in the Division of Medical Laboratory Science in the Faculty of Medicine & Dentistry.

Also offered is a degree-completion program for technologists who hold general certification from the Canadian Society for Medical Laboratory Science. For information about the degree completion program please see the [Calendar](#).

### PRE-PROFESSIONAL COURSE REQUIREMENTS

The following 30 units of course weight of pre professional coursework are required.

- English 6 units
- General Chemistry 6 units
- Organic Chemistry 3 units
- Biology 3 units (cell biology)
- Biology 3 units (molecular genetics & inheritance)
- 3 units from Biology, Genetics, Microbiology, or Zoology
- Statistics 3 units
- 3 units in options (any Faculty)

## OTHER REQUIREMENTS

Selection Process and Minimum Standards: A minimum GPA of 2.7 is required in pre professional coursework. The selection process is competitive, and applicants will be ranked primarily on academic achievement in the required pre-professional courses. Other factors considered in ranking include overall academic achievement (emphasizing recent academic performance), a demonstrated ability to perform well in a consecutive Fall/Winter Term of full time study (preferably 30 units), a personal interview, and a letter of intent.

The required courses or their transfer equivalents are available at various postsecondary institutions in Alberta. For equivalencies visit the [Alberta Council on Admission and Transfer](#).

**Note:** Because the number of candidates who meet the minimum requirements for admission exceeds the quota, it should be understood that eligibility does not guarantee admission. Admission is determined on a competitive basis.

- **Language Proficiency Requirements:** All applicants must meet the English Language Proficiency and Spoken English requirements.
- **Letter of Intent:** Applicants must submit a letter with their application for admission which states their career goals, knowledge of the profession, related experience, and reasons for seeking admission to Medical Laboratory Science. Prospective students are encouraged to investigate the career to assist in their understanding of the program.
- **Personal Interview:** Interview selection is based on postsecondary academic records and a letter of intent received by **May 1**. Selected applicants will be interviewed to determine if they have the qualities necessary for the profession. The interview will evaluate qualities such as communication, teamwork, reflection, conflict resolution, empathy, responsibility, initiative, problem-solving ability, prioritization and organization. Short-listed applicants will be advised of the interview date.

**Note:** For further details regarding other requirements please refer to the [Calendar](#).

## QUOTA

**Quota:** The current quota for Year 2 students is 29. The Division of Medical Laboratory Science will provide admission to the BSc MLS program to all qualified Aboriginal applicants not to exceed the current quota for Year 2 students.

**Note:** Because the number of candidates who meet the minimum requirements for admission exceeds the quota, it should be understood that eligibility does not guarantee admission. Admission is determined on a competitive basis.

## **IMPORTANT DATES**

**Application Deadline:** March 1

**Letter of Intent Deadline:** May 1

**Documents Deadline:** June 15

## **RECOMMENDED ALBERTA HIGH SCHOOL COURSES (OR EQUIVALENT)**

- English Language Arts 30-1
- Biology 30
- Chemistry 30
- Pure Mathematics 30 or Math 30-1

## **FAQ**

The Medical Laboratory Science program website contains an [FAQ section](#) with answers relating to the integrated four-year BSc in MLS program.