CONCORDIA UNIVERSITY OF EDMONTON

Discover Your

Bachelor of Science in Biology

BIOLOGY

Program Overview

3-year BSc: This degree will provide you with an excellent general education as well as a solid background in the core areas of biology. This pathway is a great choice if you're planning to earn another degree or diploma in a related field such as environmental health or optometry, or if you just need a bachelor's degree to kickstart your career.

4-year BSc: Our 4-year program allows you to study the discipline in greater depth. You'll have the opportunity to take additional senior-level courses, participate in advanced lab classes, and also have the opportunity to pursue a major research project. This pathway is a great choice if you're looking to gain admission to a graduate program (e.g. Master's, PhD). The emphasis streams in the 4-year program (**Cellular and Molecular Biology**, **Integrative Biology**) give students the opportunity to study a particular area of biology in depth within the context of a liberal arts education

Career Options

A Bachelor of Science degree allows you to explore a wide range of job opportunities upon graduation. You will be able to use your newfound research, analysis, and experimentation skills to forge your own career path. Some biology degree career paths include:

Bacteriologist	Microbiologist
Botanist	Museum Interpreter
Ecologist	Natural Resources Policy Analyst
Environmental Consultant	Occupational Hygienist
Food Scientist	Researcher
Lab Technician	Wildlife Biologist

Admission Requirements

Interested? You'll need to present a 60% average, with a passing grade in the following required high school courses:

- English Language Arts 30-1

- Mathematics 30-1 or 30-2

- Two subjects from Group C

- One subject from Group A, B, C or D

**Applicants pursuing a Biology concentration or major are strongly encouraged to present Biology 30 and Chemistry 30*

Interesting Courses

BIO 260 - Human Anatomy: This course introduces the normal structure and function of the human body. Emphasis will be placed on, but not limited to, the hierarchy of structural organization, medical terminology, musculoskeletal, cardiovascular, nervous, and respiratory systems as well as system relationships.

BIO 355 - Virology: Learn about viral structure and replication, including examples of: DNA, RNA and retroviruses; bacterial, plant, and other non-animal viruses in the ecosystem; and molecular genetics of viruses and their role in evolution. This class also covers elements of viral epidemiology and pathogenesis.

APPLY TODAY

concordia.ab.ca

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