



Faculty of
SCIENCE



CONCORDIA
UNIVERSITY
OF EDMONTON

DEGREE INFORMATION

Gain a deeper understanding of the world by developing your skills in investigation, research, analysis and experimentation. You'll be challenged to take a closer look at the natural and physical world, using cutting-edge best practices as well as learning to apply rigorous and logical interdisciplinary thinking.

4 YEAR DEGREE MAJORS

Biology

Available Emphasis In:
Cell and Molecular Biology
Integrative Biology

Environmental Science

Available Emphasis In:
Environmental Assessment
and Remediation

Chemistry

Accredited By CSC

Information Technology

Mathematics

3 YEAR DEGREE CONCENTRATIONS

Biology

Environmental Science

Chemistry

Mathematics



SKILLS

Collaboration

Communication

Critical and Creative Thinking

Data-Collection and Processing

Ethical Reasoning

Experimentation

Investigation

Problem-Solving

Project Management

Research and Analysis

POTENTIAL CAREERS

City Planner

Consultant

Cybersecurity Analyst

Diagnostics

Educator

Environmental Consultant

Food Scientist

Government Officer

Laboratory Technician or Manager

Researcher

MAJOR AND CONCENTRATIONS

BIOLOGY

Analyze interactions between organisms through analytical thinking and research.

Emphasis in Cell and Molecular Biology

Study genetics, microbiology and virology and carry out experiments using modern molecular biology techniques.

Emphasis in Integrative biology

Study broad aspects of botany, zoology, ecology and biostatistics and gain both lab and field experience.

CHEMISTRY

Immerse yourself in the study of atoms and molecules and their functions, uses and applications in the world around us.

MATH

Explore the complex world of numeric sciences, with courses in statistics, calculus, algebra, game theory and more.

ENVIRONMENTAL SCIENCE

Investigate worlds within worlds with a focus on the study of interactions within terrestrial and aquatic ecosystems.

Emphasis in Environmental Assessment and Remediation

Examine the science behind how human activities affect the planet and how environmental research can help us become more environmentally responsible citizens.

INFORMATION TECHNOLOGY

Solve computing technology problems in any organization through a combination of theoretical knowledge, technical skills and professional preparedness.

ADMISSION REQUIREMENTS

To be considered for admission, applicants must present a minimum admission average of 60% with a passing grade in each subject in the following high school course requirements:

English Language Arts 30-1

Mathematics 30-1 or Mathematics 30-2

Two subjects from Group C

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

Note: In order to maximize future program and course choices, applicants are encouraged to present a broad range of subjects across Groups A, B and C.

*Applicants should keep in mind that their chosen program including major, minor or concentration may contain courses for which there are specific grade 12 prerequisites that must be met in addition to the subjects used for admission.

TAKE A CLOSER LOOK AT THE FACULTY OF SCIENCE

CONCORDIA.AB.CA/SCIENCE

Please visit concordia.ab.ca/admissions for a complete listing of requirements



Get to Know CUE.

COME FOR A VISIT.

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E **RECRUITMENT@CONCORDIA.AB.CA**

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