



*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 (Canadian  
Society for Chemistry)

### **Information Technology**

### **Mathematics**

## **3 YEAR DEGREE CONCENTRATIONS**

---

### **Biology**

### **Chemistry**

**Environmental  
Science**

**Mathematics**

## **DUAL DEGREES**

---

**Bachelor Of Science  
In Chemistry/Bachelor  
Of Management**

## **SKILLS**

---

Collaboration  
Communication  
Critical & Creative Thinking  
Data-Collection & Processing  
Ethical Reasoning  
Experimentation  
Investigation  
Problem-Solving  
Project Management  
Research & Analysis

## **POTENTIAL CAREERS**

---

City Planner  
Consultant  
Cybersecurity Analyst  
Diagnostics Specialist  
Educator  
Environmental Consultant  
Food Scientist  
Government Officer  
Laboratory Technician or Manager  
Quality Control (QC) Analyst  
Research & Development (R&D) Scientist  
Researcher

## **MINORS\***

---

Biochemistry  
Biology  
Chemistry  
Environmental Science  
Information Technology & Computing Science  
Mathematics  
Physics  
Sustainable Earth Resources & Geoscience

---

\*More information at [CONCORDIA.AB.CA/SCIENCE/MINORS](https://CONCORDIA.AB.CA/SCIENCE/MINORS)



## **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](https://concordia.ab.ca/admissions) for a complete listing of requirements.

Get to Know CUE.

# COME FOR A VISIT.

T **1-780-479-8481**

W **CONCORDIA.AB.CA**

TF **1-866-479-5200**

E **INFO@CONCORDIA.AB.CA**

**7128 ADA BOULEVARD, EDMONTON, ALBERTA CANADA T5B 4E4**



**CUEDMONTON**



**@CUEDMONTON**



**CUEDMONTON**



**CONCORDIA UNIVERSITY OF EDMONTON**

FIND YOUR FIT **CONCORDIA.AB.CA/YOU**



**CONCORDIA  
UNIVERSITY  
OF EDMONTON**



**unesco**

Member  
Global Network of  
Learning Cities

**EDMONTON  
LEARNING  
CITY**



A world of possibilities  
Un monde de possibilités

**EduCanada**