CHEMISTRY MAJOR CONCENTRATION (B.A. & SC.) (36 CREDITS)

Offered by: Chemistry (Faculty of Science)
Degree: Bachelor of Arts and Science
Program credit weight: 36

Program Description

The Major Concentration Chemistry is not certified by the Ordre des Chimistes du Québec. Students interested in pursuing a career in Chemistry in Quebec are advised to take an appropriate B.Sc. program in Chemistry.

The Major Concentration Chemistry, which is restricted to students in the B.A. & Sc. or B.Sc./B.Ed., is a planned sequence of courses designed to permit a degree of specialization in this discipline.

Degree Requirements — B.A. & Sc. students

This program is offered as part of a Bachelor of Arts & Science (B.A. & Sc.) degree.

To graduate, students must satisfy both their program requirements and their degree requirements.

- The program requirements (i.e., the specific courses that make up this program) are listed under the Course Tab (above).
- The degree requirements—including the mandatory Foundation program, appropriate degree structure, and any additional components—are outlined on the Degree Requirements page.

Students are responsible for ensuring that this program fits within the overall structure of their degree and that all degree requirements are met. Consult the Degree Planning Guide on the SOUSA website for additional guidance.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (21 credits)

*Required courses taken at CEGEP or elsewhere that are not credited toward the B.A. & Sc. or B.Sc./B.Ed. must be replaced by courses from the Complementary Course List equal to or exceeding their credit value. Regardless of the substitution, students must take at least 36 credits in this program.

Expand allContract all

Course	Title	Credits
CHEM 204	Physical Chemistry/Biological Sciences 1.	3
CHEM 212	Introductory Organic Chemistry 1.	4
CHEM 214	Physical Chemistry/Biological Sciences 2.	3
CHEM 222	Introductory Organic Chemistry 2.	4
CHEM 253	Introductory Physical Chemistry Laboratory.	1
CHEM 267	Introductory Chemical Analysis.	3
CHEM 281	Inorganic Chemistry 1.	3

Complementary Courses (15 credits)

15 credits selected from:

Expand allContract all

Course	Title	Credits
CHEM 219	Introduction to Atmospheric Chemistry.	3
CHEM 302	Introductory Organic Chemistry 3.	3
CHEM 332	Biological Chemistry.	3
CHEM 334	Advanced Materials.	3
CHEM 367	Instrumental Analysis 1.	3
CHEM 381	Inorganic Chemistry 2.	3

Chemistry courses at the 400+ level.