

Dual Degree - Bachelor of Management & Bachelor of Science in Chemistry



Program Planner 2024-2025

While your degree planning is directed by the specific requirements for your chosen program, it is also driven by your own personal interests; therefore, it is most effective when you are the master of your own academic planning.

Please be aware of all prerequisites, corequisites, and other registration regulations for all courses required within your program. Program planning can be very effective to identify potential courses needed in addition to specific requirements. Refer to [section 4.0](#) in the *Concordia University of Edmonton Calendar* for more information regarding registration policies.

You are responsible for registering in and completing the courses necessary to obtain your degree as per [section 10.0](#). The *Concordia University of Edmonton Calendar* is the final authority regarding program requirements and academic regulations.

To request more or specific information related to the program:

- Faculty members in the Faculty of Management and the Faculty of Science are good resources for course-specific information.
- Students are encouraged to contact the Program Coordinator regarding their Internship (MGT 498).
- Questions about the Dual Degree - Bachelor of Management & Bachelor of Science in Chemistry program and/or degree requirements (e.g., program advice, course scheduling, etc.) can be directed to a Registration Advisor in the Registrar's Office - registrar@concordia.ab.ca.

General Academic Requirement

- a. Must complete a total of 153 credits.
- b. Must take a minimum of 102 credits in Arts and Science courses, of which a minimum of 66 credits must be Science.
- c. For continuation in the program, must maintain an overall GPA of 2.3 or higher.
- d. May count no more than 48 credits of junior-level courses toward the dual degrees.
- e. For graduation, must have a minimum overall GPA of 2.3 in the 153 credits required for the dual degrees. For further information, see Graduation Requirements, [section 9.7.1](#).

Program Requirements

Candidates for Concordia University of Edmonton's Bachelor of Management and Bachelor of Science dual degrees must complete the program requirements for the Bachelor of Management program (section 10.3.1) and the program requirements of the Chemistry major in the Bachelor of Science program (section 10.4.1.C.2).

Bachelor of Management

Core Requirement:

- 6 credits of ENG courses

Business Requirements:

- ECO 101 and 102
- ACCT101 and 102
- BUS 110 and 120
- MAT 151# (Must complete MAT 151 in order to finish this program in 5 years)
- BUS 210 and 250
- BUS 220
- FIN 201
- MARK201 and 223

Management Requirements:

- FIN 325
- HRM 220
- MGT 320 and 323
- LDR 301 and 402
- MGT 417 and 440
- MGT 474

Internship Requirement:

- MGT 498

Additional Requirement:

- Student must present a grade of 75% or higher in either Math 30-1 or Math 30-2, or credit in BUS 111.
- AIT 100

Bachelor of Science in Chemistry

Chemistry Major Requirements:

- CH 101 and 102
- CH 261 and 263
- CH 211 and 213
- CH 271 and 373
- CH 331 and 332
- CH 325
- 6 credits unspecified 400-level Chemistry
- BIOCH200
- 0-18 credits unspecified senior-level Chemistry
- 3 credits in Physics (Note: PHY 111 is not open to students with credit in Physic 30 or the high school equivalency)
- MAT 114 and MAT 115
- BES 107 or BES 108
- 6 credits of courses offered by the Departments of Social Science or Psychology (CNST, **ECO***, HIS, INDG, POEC, PSCI, PSY, SOC).
- 3 credits of **ENG*** courses.
- 3 additional credits of courses offered by the Department of Literature and Languages, Religious Studies and Philosophy, or Fine Arts (ARAB, ARTH, CHIN, CLAS, CLIT, CREE, DRA, **ENG***, FR, GERM, GRK, HEBR, LAT, MUS, MUP, MUPB, MUED 264, PHIL, POPC, REL, SPA, WRI)

** Some Bachelor of Science in Chemistry requirements will be fulfilled through the completion of program requirements in the Bachelor of Management. (Example: ECO 101 and ECO 102, taken as part of the Bachelor of Management program requirement simultaneously fulfills the '6 credits of courses offered by the department of Social Science or Psychology' requirement of the Bachelor of Science in Chemistry program requirements.)*

The 4-year Bachelor of Science in Chemistry program is accredited by the Canadian Society for Chemistry (CSC). The CSC accredits undergraduate chemistry programs in Canadian universities, to ensure that educational programs have the potential to prepare graduates to practice their profession in a competent scientific manner. It also helps to maintain national standards of education by providing an external audit service for programs, and by promoting the portability of the qualifications of graduates from such programs.

Please see <https://www.cheminst.ca/about/about-csc/accreditation/>

Residency Requirement



Candidates for Concordia University of Edmonton's Bachelor of Management and Bachelor of Science dual degree must complete 78 of the required 153 credits at Concordia University of Edmonton. Moreover at least 18 credits of the last 30 credits must be completed at Concordia University of Edmonton, including MGT 498. Students who plan to take courses for credit at other institutions must first follow the procedures for Visiting Student Permission, [section 4.4.3.A](#).

Sample Bachelor of Management & Bachelor of Science in Chemistry Program

Below is a sample sequence of courses for your degree. Keep in mind that this is only an example; you may find a different sequence works best for you. Also note that not all courses can be offered every semester. So, please check our [Course Timetables](#) for course availability.

Note: May count no more than 48 credits of junior-level (100-level) courses toward the dual degrees. Also, the 4-year Bachelor of Science in Chemistry program requires a minimum of 66 credits in Faculty of Science.

The normal full course load for undergraduate programs is 30 credits total for the Fall/Winter Session. However, it is not mandatory that a student take 15 credits per semester to be considered a full-time student. If you would like to take less courses each semester that is also acceptable - it will simply take you longer to graduate. Please be advised that you need to take 9 credits per Fall / Winter semester to be considered full time. We have highlighted (+) a few courses for your first year that we suggest you prioritize for registration, should you choose to take less than 15 credits per semester.

	Fall Semester	Winter Semester
Year 1	+AIT 100 ENG 101 or 111 or 120 +CH 101 +BUS 110 ECO 101 +MAT 114	ENG 102 or 112 or 121 +CH 102 +BUS 120 ECO 102 +MAT 115
Year 2	ACCT101 BES 107 or BES 108 CH 211 CH 261 HRM 220	ACCT102 BIOCH200 MAT 151‡ BUS 250 CH 263
Year 3	CH 271 CH 331 BUS 210 FIN 201 MARK 201	CH 213 CH 373 CH 332 FIN 325 MARK 223
Year 4	3 credits of unspecified 400-level CH CH 325 LDR 301 BUS 220 PHY 111* or 121 or 131	3 credits of unspecified 400-level CH MGT 323 LDR 402 MGT 417 MGT 474 MGT 498**
Spring/Summer	** Internship (MGT 498) 13 weeks of work placement experience	
Year 5	MGT 320 Science Elective Science Elective Arts or Science Elective Arts or Science Elective	MGT 440 Science Elective Arts or Science Elective Arts or Science Elective Arts or Science Elective

‡ Must complete MAT 151 in order to finish this program in 5 years.

*PHY 111 is not open to students with credit in Physics 30 or the high school equivalent.

**MGT 498(3) is comprised of Part A: Skills Development Seminar (Normally taken in the third year of the program in addition to regular coursework) and Part B: 13-week internship (work experience) placement.

