

3-Year Bachelor of Science Chemistry



Program Planner 2024-2025

While your degree planning is directed by the specific requirements for your chosen concentration and minor, 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 degree. 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 also 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.

Concentration Requirements

30-33 credits required, to include:

- a. CH 101 and 102
- b. CH 261 and 263
- c. CH 211
- d. CH 271
- e. CH 331
- f. One of CH 213, 303, 332, 367, 373, 465 or 466
- g. 6-9 credits of unspecified senior-level CH courses (may include BIOCH200)

In addition to the above courses, students must complete:

- h. MAT 114 and MAT 115
- i. 3 credits in PHY*
- j. 6 credits of courses offered by the Departments of Social Sciences or Psychology (CNST, ECO, HIS, INDG, POEC, PSCI, PSY, SOC)
- k. 3 credits of ENG courses
- l. 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, DAN, DRA, ENG, FR, GERM, GRK, HEBR, LAT, MUS, MUP, MUPB, MUPE, MUPH, MUPK, MUPP, MUPS, MUPV, MUPW, MUED264, PHIL, POPC, REL, SPA, WRI)
- m. AIT 100

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

Permissible minors:

All minors listed in [section 10.6](#), other than Chemistry.

Sample 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: the 3-Year Bachelor of Science degree requires a minimum 42 credits in Faculty of Science coursework. The science electives in the planner below are indicated for those who choose to complete a Faculty of Arts minor.

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 +MAT 114 PHY 111* or 121 or 131 3 credits from ARAB, ARTH, CHIN, CLAS, CLIT, CREE, DAN, DRA, ENG, FR, GERM, GRK, HEBR, LAT, MUS, MUP, MUPB, MUPE, MUPH, MUPK, MUPP, MUPS, MUPV, MUPW, MUED 264, PHIL, POPC, REL, SPA or WRI	+CH 102 +MAT 115 +Minor Science Elective Elective
Year 2	CH 211 CH 261 CH 271 Minor Elective	CH 263 Social Science or Psychology Minor Minor Elective
Year 3	CH 331 Senior CH Social Science or Psychology Minor Elective	CH 213, 303, 332, 367, 373, 465 or 466 Senior CH Minor Elective Elective

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

