

4-Year Bachelor of Science Chemistry



Program Planner 2014-2015

While your degree planning is directed by the specific requirements for your chosen major 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 Calendar for more information regarding registration policies.

You are responsible for registering in and completing the courses necessary to obtain your degree. The *Concordia Calendar* is the final authority regarding program requirements and academic regulations.

Core course requirements may be fulfilled through both major and minor requirements; however, the same course may not be counted toward both major and minor requirements. (Example: courses taken toward a History minor simultaneously fulfills Social Science core).

Major Requirements

42-60 credits required to include:

- CH 101 and 102
- CH 261 and 263
- CH 211, 271, and 331
- 6 credits chosen from CH 213, 273 or 332
- One of CH 486, 493, 494, 496, 497, 498, or 499
- 12-30 credits of unspecified senior-level Chemistry (may include BIOCH 200) courses with a minimum of 3 credits at the 400-level

In addition to the above courses, students must complete:

- 3 credits in Physics
- MAT 113 or 114, and MAT 115

MAT 120, MAT 214 and an additional 3 credits of Physics are strongly recommended.

Sample Program

Below is a sample sequence of courses for your degree. Keep in mind that this is only an example; you may find that a different sequence works best for you.

Note: The four-year Bachelor of Science degree requires a minimum of 66 credits in Faculty of Science. The Science Electives in the sample program below are for Chemistry majors who have a Faculty of Arts minor.

	Fall Semester	Winter Semester
Year 1	CH 101 ENG 100 or 110 MAT 113 or 114 PHY 111, 121 or 131 Minor	CH 102 ENG 100 or 110 MAT 115 REL 101 or 150 Minor
Year 2	CH 261 CH 211 MAT, CMPT or IT Science Elective Minor	CH 263 CH 213 or Senior CH* REL Science Elective Minor
Year 3	CH 271 CH 331 Senior ENG or WRI [WRI 300 recommended] Science Elective Minor	CH 273 or Senior CH* CH 332 or Senior CH* REL Science Elective Minor
Year 4	Senior CH Senior CH (400-level) Social Science Elective Elective	CH 486, 493, 494, 496, 497, 498, or 499 Senior CH Social Science Elective Elective

* Ensure you complete 6 credits of section d) major requirements and 3 credits senior Chemistry.