

4-Year Bachelor of Science Environmental Science



Emphasis in Environmental Assessment and Remediation

Program Planner 2025-2026

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.

Major Requirements

54-60 credits required, to include:

- a. BES 107 and 108
- b. ENSC204 and ECOL208 or ENSC208
- c. ENSC227
- d. ECOL 318, or ENSC318, or ECOL 319, or ENSC319
- e. 12 credits chosen from:
 - ECOL308 or ENSC308
 - ECOL339 or ENSC339
 - ENSC415
 - ENSC270
 - ECOL211 or ENSC210
 - BIO 205
 - ECOL250 or ENSC250
 - ENSC350
 - ENSC346
 - ENSC355
 - CH 303 or
 - both ENSC493 and ENSC495
- f. ENSC220
- g. ENSC223
- h. ENSC373
- i. ENSC430
- j. ENSC475 and ENSC485
- k. 6-12 credits of unspecified 300-level or 400-level ENSC, ECOL or EAS courses

In addition to the above courses, students must complete:

- l. CH 101 and 102
- m. CH 211 and 261

- n. MAT 151 and 3 credits of unspecified MAT courses.
- o. 6 credits of courses offered by the Departments of Social Sciences or Psychology (CNST, ECO, HIS, INDG, POEC, PSCI, PSY, SOC)
- p. 3 credits of ENG courses
- q. 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, MUED 264, PHIL, POPC, REL, SPA, WRI)
- r. AIT 100

Permissible minors:

All minors listed in [section 10.6](#), except for Environmental Science.

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 4-year Bachelor of Science degree requires a minimum of 66 credits in Faculty of Science. 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 +BES 107 +CH 101 +MAT 151 ENG 101 or 111 or 120 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, MUED264, PHIL, POPC, REL, SPA or WRI	+BES 108 +CH 102 +MAT Elective Elective
Year 2	ENSC204 ECOL208 or ENSC208 ENSC227 CH 261 Minor	BIO, ENSC, ECOL, or CH (Requirement e) BIO, ENSC, ECOL, or CH (Requirement e) Minor Elective Elective
Spring/Summer	ECOL 318, or ENSC318, or ECOL 319, or ENSC319: Field Course●	



Year 3	ENSC220 BIO, ENSC, ECOL, or CH (Requirement e) CH 211 Social Science or Psychology Minor	ENSC223 BIO, ENSC, ECOL, or CH (Requirement e) ENSC430 Social Science or Psychology Minor
Year 4	ENSC475 ENSC373 300- or 400- level ENSC, ECOL, or EAS (requirement k) Minor Elective	ENSC485 300- or 400- level ENSC, ECOL, or EAS (requirement k) Minor Elective

- ECOL 318 / ENSC318 –this course is designed to be taken during the summer following either the second or third year of studies.
- ECOL 319 / ENSC319 –this course is designed to be taken during the summer or Christmas break following the second or third year of studies. Field exercises are conducted at an area outside of Alberta, with the destination to be decided each year.

