

# 4-Year Bachelor of Science Environmental Science



## Emphasis in Environmental Assessment and Remediation

### Program Planner 2016-2017

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

All students in a Bachelor of Science program must complete the Core Requirements as outlined in the table below.

Category	Credits	Courses that Fulfill Requirement
Humanities	6	ENG 100 or (ENG 101 or ENG 111) and (ENG 102 or ENG 112)
Sciences	6	Any BES, BIO, BIOCH, CH, CMPT, EAS, ENSC, IT, MAT (excluding MAT 220), or PHY courses
Social Sciences	6	Any ECO, HIS, POEC, PSCI, PSY, or SOC courses
Foundational Studies: Religious Studies	3	Any REL courses
Foundational Studies: Ethics, Philosophy or Religious Studies	3	Any PHIL, or REL courses, or ENVH 523, MGT 374, MGT 474, MAT 220, PSCI 361, or PSY 305
Leadership: Communication	3	Any ARTH, DAN, DRA, GERM, GRK, HEBR, LAT, MUS (excluding MUS 630 and 631), MUP, SPA, or WRI courses, or BIO 227, ENSC 227, FR 101, FR 102, FR 211, FR 212, FR 250, FR 251, FR 252, FR 303, FR 372, HIS 290, MGT 310, PSY 319, PSY 332, PSY 333, PSY 405, SOC 344, or UFDN 199
Leadership: Leadership Service, or Management	3	Any RELA courses, or BIO 480, BUS 110, DRA 325, DRA 350, DRA 383, DRA 425, DRA 450, DRA 483, ENSC 485, FIN 220, HIS 221, HRM 220, LDR 310, LDR 320, MUS 263, MUS 321, MUS 361, MUS 395&396, PSCI 101, PSY 486, or PSY 496

Core course requirements may be fulfilled through both concentration and minor requirements; however, the same course may not be counted toward both concentration and minor requirements. (Example: ENG 100 or (ENG 101 or ENG 111) and (ENG 102 or ENG 112) taken toward an English minor simultaneously fulfill the Humanities core requirement).

## Major Requirements

### **Emphasis in Environmental Assessment and Remediation: 54-60 credits required to include:**

- a) BES 107 and 108
- b) ENSC 204 and 208
- c) ENSC 227
- d) ENSC 318
- e) 6 credits chosen from ENSC 215, 308, 339, or 415
- f) 6 credits chosen from ENSC 210, 220, 250, or 305
- g) 6 credits chosen from ENSC 346, 350 or 355
- h) ENSC 430
- i) ENSC 475, 485, 493 and 495
- j) 3-9 credits of unspecified 300-level or 400-level Environmental Science courses

### **In addition to the above courses, students must complete:**

- k) CH 101
- l) CH 102
- m) CH 211
- n) CH 261
- o) MAT 151 and 3 credits of unspecified Mathematics courses.

## 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 4-year Bachelor of Science degree requires a minimum of 66 credits in Faculty of Science. The science electives in the planner below are for Biology Majors who have a Faculty of Arts minor.

	<b>Fall Semester</b>	<b>Winter Semester</b>
Year 1	BES 107 or 108 CH 101 or CH 261 MAT 151 ENG 100 or 101 or 111 Elective	BES 107 or 108 CH 102 or 261 MAT ENG 100 or 102 or 112 Elective
Year 2	ENSC 204 ENSC 208 ENSC 227 CH 101 or 261 Foundational Studies: Religious Studies	ENSC (Requirement e) CH 102 or 261 Foundational Studies: Ethics, Philosophy or Religious Studies Minor Minor
Summer	ENSC 318: Field Course●	
Year 3	ENSC (requirement f) ENSC (requirement g) CH 211 Social Science Minor	ENSC (requirement f) ENSC (requirement g) ENSC 430 Social Science Minor
Year 4	ENSC 475 ENSC 493 300- or 400- level ENSC Minor Elective	ENSC 485 ENSC 495 Minor Elective Elective

- ENSC 318 consists of fieldwork during the summer and oral presentations during the first two weeks of the following fall semester. Credit is assigned at the end of the fall semester.