

# 4-Year Bachelor of Science Biology



## Program Planner 2017-2018

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 or ENG 120) and (ENG 102 or ENG 112 or ENG 121)
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 or ENG 120) and (ENG 102 or ENG 112 or ENG 121) taken toward an English minor simultaneously fulfill the Humanities core requirement).*

## Major Requirements

### Biology: 42-60 credits required to include:

- a) BES 107 and 108
- b) BIO 201 and 207
- c) BIO 208 and 227
- d) ENSC 204
- e) BIO 470 and 480
- f) 15-33 credits of unspecified senior-level Biology courses, of which at least 12 credits must be at the 300- or 400-level.

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

- g) CH 101
- h) CH 261
- i) BIOCH 200
- j) 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 261† ENG 100 or 101 or 111 or 120 MAT 151 Social Science	BES 107 or 108 CH 261† ENG 100 or 102 or 112 or 121 MAT Social Science
Year 2	BIO 201 BIO 208 BIOCH 200 Minor Elective	BIO 207 BIO 227 ENSC 204 Minor Elective
Year 3	300- or 400-level BIO 300- or 400-level BIO Science Elective Foundational Studies: Religious Studies Minor Elective	300- or 400-level BIO 300- or 400-level BIO Science Elective Foundational Studies: Ethics, Philosophy or Religious Studies Minor Elective
Year 4	BIO 470 Science Elective Minor Elective Elective	BIO 480 300- or 400-level BIO Minor Elective Elective

† Indicates prerequisite planning for BIOCH 200.