

4-Year Bachelor of Science Biology



Emphasis in Cell and Molecular Biology

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

Emphasis in Cell and Molecular Biology: 54-60 credits required to include:

- a) BES 107 and 108
- b) BIO 201, 207, and 265
- c) BIO 208 and 227
- d) 12 credits from BIO 302, 307, 350, 355, 366, or 465
- e) BIO 470, 480, 488 and 489
- f) 9-15 credits of unspecified senior-level Biology courses

In addition to the above courses, students must complete:

- g) MAT 151 and 3 credits of unspecified Mathematics courses
- h) CH 101
- i) CH 102
- j) CH 261
- k) CH 263
- l) BIOCH 200

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.

	Fall Semester	Winter Semester
Year 1	BES 108 or 107 CH 101† MAT 151 ENG 100 or 111 REL 101 or 150	BES 107 or 108 CH 102 MAT ENG 100 or 112 Minor
Year 2	BIO 207 BIO 208 CH 261† BIO 227 REL	BIO 201 BIO 265 CH 263 Social Science Minor
Year 3	One of section (d) BIO 470 BIOCH 200 Minor Minor	One of section (d) BIO 480 One of section (f) Minor REL
Year 4	One of section (d) BIO 488 One of section (f) Social Science Minor	One of section (d) BIO 489 One of section (f) MAT, CMPT, or IT Senior ENG or WRI

† Indicates prerequisite planning for BIOCH 200.