

4-Year Bachelor of Science Information Technology



Program Planner 2019-2020

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

45-60 credits required, to include:

- a. IT 110 and CMPT 111
- b. IT 201, IT 210, IT 213 and IT 270
- c. CMPT 211 or IT 202
- d. IT 302, IT 310 and IT 331
- e. IT 450, IT 451 and IT 452
- f. 1.5 credits of IT 460
- g. 6-21 credits of unspecified senior-level IT or CMPT courses including 3 credits at the 400-level

In addition to the above courses, students must complete:

- h. MAT 120
- i. CMPT 260 or MAT 321
- j. 6 additional credits selected from:
 - MAT 114
 - MAT 151
 - Any senior-level MAT course
- k. 3 credits of ENG
- l. DRA 252
- m. One of:
 - PHY 111
 - PHY 121
 - PHY 131
- n. ECO 101 or 102
- o. 3 additional credits offered by the Departments of Social Science or Psychology (CNST, ECO, HIS, INDG, POEC, PSCI, PSY, SOC)

Permissible minors:

All minors listed in [section 10.6](#), except for Forensic Studies and Information Technology and Computing 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.

	Fall Semester	Winter Semester
Year 1	ENG 101 or 111 or 120 CMPT111 PHY 111, 121 or 131 ECO 101 or 102 Minor	MAT 120 Requirement j) Social Science or Psychology Minor Elective
Year 2	IT 110 IT 201 Requirement j) Minor Elective	IT 210 IT 213 IT 270 Minor Elective
Year 3	IT 302 IT 310 CMPT260+ or MAT 321‡ DRA 252 Minor IT 460*	CMPT211 or IT 202 IT 331 IT 450** Minor Elective IT 460*
Spring/Summer	** IT 450 – IT Work Experience (minimum of 240-hour)	
Year 4	IT 451 [1.5 credits] Requirement g) Science Elective Elective Elective IT 460*	IT 452 Requirement g) Science Elective Elective Elective

+CMPT260 is open to first-year students.

‡The prerequisite of MAT 321 is MAT 120 (grade of C-) and MAT 200 (grade of C-) and 2nd year standing.

*IT 460 is a 0.5 credit course that should be taken for credit 3 times.

