

# 4-Year Bachelor of Science Mathematics



## Program Planner 2024-2025

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. MAT 114 and 115
- b. MAT 120 and 151
- c. MAT 200
- d. MAT 214 and MAT 215
- e. MAT 224 and MAT 228
- f. MAT 331
- g. 9 credits of unspecified 400-level MAT courses
- h. 6-12 credits of unspecified senior-level MAT

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

- i. 6 credits of unspecified IT or CMPT courses
- j. 3 credits of ENG courses
- k. DRA 252
- l. One of PHY 111\* or 121 or 131
- m. ECO 101 or 102
- n. AIT 100

\*PHY 111 is not open to students with credit in Physics 30 or the high school equivalent.

### Permissible minors:

All minors listed in [section 10.6](#), other than Mathematics.

## 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 +ENG 101 or 111 or 120 +MAT 114 +MAT 200 PHY 111* or 121 or 131 ECO 101 or 102	+MAT 115 +MAT 120 +Minor Elective Elective
Year 2	MAT 151 MAT 214 IT or CMPT Minor Science Elective	DRA 252 MAT 215 MAT 224 IT or CMPT Minor
Year 3	MAT 228 Senior MAT Minor Science Elective Elective	400-level MAT** MAT 331 Minor Science Elective Elective
Year 4	400-level MAT** Senior MAT Science Elective Elective Elective	400-level MAT** Minor Science Elective Elective Elective

\*PHY 111 is not open to students with credit in Physics 30 or the high school equivalent.

\*\*Be aware of the prerequisites required for your 400-level math courses and plan ahead to ensure that you have taken the necessary prerequisite course(s).

