



# Admission Requirements

## Undecided Science Major (BSc)

### Prerequisite Requirements for BSc:

- ENG4U, MHF4U, and SBI4U or SCH4U or SPH4U

Expected minimum admission average:

low-to-low 80s

By starting with Undecided Major, your courses in first year will include:

- Foundational science courses in Biology, Chemistry, and/or Physics
- Mathematics
- Computer science
- Elective courses

In second year, you will choose to continue in the second year of available Science programs, such as:

- Applied Mathematics
- Biochemistry
- Biology
- Biomedical Science
- Biophysics
- Biotechnology
- Chemistry
- Environmental Biology
- Environmental Science
- Geography
- Mathematical Biology
- Mathematics
- Mathematics for Education
- Physics & Astronomy
- Statistics

## First Year Undecided Science Major

An undecided or undeclared major enables you to begin your first year of studies without having to select a program in which to major. In this way you can discover your interests and strengths by taking courses from a variety of disciplines prior to declaring a specific major.

While exploring different areas, you may be surprised that you have an interest in something you'd never have studied otherwise. You'll have the chance to meet other students with many different ideas and interests to spark your imagination. When you do make the ultimate decision about what to major in, you'll know that the choice is your own.

## Program Overview

As an Undecided Science Major, you'll encounter a range of possibilities if you are not ready to choose a major right away. This option allows you to discover your interests and strengths in science prior to selecting a program for second year.

You can discover your strengths and interests before selecting a major, which you are required to do before second year. When you meet with your academic advisors, you will be assisted in choosing first-year courses that best suit your interests and goals.

To help select the first-year courses that are best for you, you should consider which general area of Science you are most interested in. The general areas in Science at York are:

- Earth & Space Science – Sciences of the Earth, its atmosphere, their interaction and exploration.
- Chemical & Physical Sciences – Fundamental sciences governing matter, from quarks to molecules to galaxies, including nanotechnology, medicinals and the interaction of biological systems with chemicals.

- Computing & Mathematics – Pure and applied mathematics and statistics, the interaction of hardware and software, and their combination.
- Life Sciences – Study of life from the molecular scale to ecosystems and the complex interactions at all levels.
- Interdisciplinary & International – Earn an international degree, or explore the social, cultural, and philosophical dimensions of science

Please note we cannot guarantee you a place in a Biology-related program if you choose to stay in an Undecided Major for first year. If you are interested in the Life Sciences (i.e. Biochemistry, Biology, Biomedical Science, Biotechnology), you should submit an application to the program as soon as possible. These programs can normally only be entered directly by admission to the program. Contact the Science Liaison Office for advice.