

Undecided Science Major (BSc)

Admission Requirements

Prerequisite Requirements for BSc:

- ENG4U, MHF4U, and SBI4U or SCH4U or SPH4U
- Expected minimum admission average: low 80s

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.

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.

First Year Undecided Science Major Courses:

- Foundational Science Courses in Biology, Chemistry, and/or Physics
- Mathematics
- Computer Use
- Elective courses

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

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

Experiential Education

The Faculty of Science provides a rich diversity of opportunities for undergraduate students to engage in Experiential Education. Both the Co-op and Internship Program provides students in this program with an opportunity to integrate their classroom learning with hands-on, paid, work experiences related to their field of study.

Here are just a few of the companies you could have the opportunity to work for:

- Sanofi Pasteur
- Health Gene Corporation
- Parks Canada
- City of Toronto
- Grande Prairie Regional College

Visit yorku.ca/science/students/experiential-education/ for more information.

