

# First Year Science

BSc | [www.yorku.ca/markham/program](http://www.yorku.ca/markham/program)

## Admission Requirements

### BSc

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

## Program Overview

Explore First Year Science on the York University Markham campus. Regardless of your preferred science discipline, your first year at the Markham campus will be a unique learning opportunity that will position you for success throughout your studies.

First year Science students at Markham will benefit from innovative course design, cutting-edge learning spaces, flexible learning formats, and small class sizes that promote collaborative learning and networking with faculty. Second year students transition to the Keele campus to complete their respective degree requirements and further enrich their learning with various experiential education opportunities including co-ops and internships. Students entering their first year at the Markham campus can fulfill all first-year-course requirements for the programs below:

Life Science: Biology, Biomedical Science, Biotechnology  
 Chemical Science: Biochemistry, Chemistry

<https://www.yorku.ca/markham/programs/>

## Get In Touch

We are happy to help! Give us a call or drop us an email.

416.908.2408  
[science@yorku.ca](mailto:science@yorku.ca)



### Fast Facts about Markham Campus Facilities



Modern and accessible common areas offer plenty of space to meet, study and collaborate with large and small groups



Ten floors of teaching and learning spaces are clustered around a dynamic, multi-story atrium — the Bratty Family Atrium



A multi-faith space, Indigenous learning circle and enhanced accessibility features create a welcoming environment



Classrooms equipped with state-of-the-art technology offer unique learning spaces that promote active and engaged learning



Media creation spaces, makerspaces and a VR and Gaming Lab within the Markham Campus Library are designed to provide supports for experiential learning and foster creative entrepreneurship

## Follow Us



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**First Year Science (BSc) | [www.yorku.ca/markham/program](http://www.yorku.ca/markham/program)**

**Pathways to Bachelor of Science (BSc) Programs**

**LIFE SCIENCE**

Biology  
Biomedical Science  
Biotechnology

*Admission Requirements*

- ENG4U, MHF4U, SBI4U, SCH4U
- Recommended: SPH4U
- Minimum admission average: low 80s – mid 80s

**CHEMICAL SCIENCE**

Biochemistry

*Admission Requirements*

- ENG4U, MHF4U, SCH4U, SBI4U, MCV4U
- Recommended: SPH4U
- Minimum admission average: high 70s – mid 80s

Chemistry

*Admission Requirements*

- ENG4U, MHF4U, SCH4U, one addition 4 U or M science
- Recommended: SPH4U, MCV4U
- Minimum admission average: high 70s – 80s

**First Year Markham Courses**

- Cells, Molecular Biology and Genetics
- Evolution, Ecology, Biodiversity & Conservation
- Chemical Structures
- Chemical Dynamics
- Physics with Life Science Applications I & II
- Applied Calculus I & II
- Mathematics I for Biological and Health Sciences II

**Academic Advising Checkpoint**

Each student attends a one-on-one academic advising session to ensure the completion of transition requirements.

**Transition to Keel Campus > 2nd Year > 3rd year > 4th Year**

Complete degree requirements  
&

Engage in various Experiential Education opportunities  
[www.yorku.ca/science/students/experiential-education/](http://www.yorku.ca/science/students/experiential-education/)