



2025-26

Faculty of Science
York University

science



CONNECT WITH THE FACULTY OF SCIENCE

ATTEND AN UPCOMING EVENT

Explore York Science by attending our upcoming events. You can sit in on a lecture, connect with current students, meet professors, and join our Info Sessions and Open Houses. There are plenty of ways for you to learn more about the Faculty of Science and York University.

For a list of dates and to register, visit:
yorku.ca/science/science-events

SCIENCE STUDENT AMBASSADORS

The Science Student Ambassadors are a passionate team of students from many degree programs within the Faculty of Science. You will meet SSAs at all of our events, where they will answer questions and share their personal experiences as students at York Science. You can join the team too in your second year!

To learn more about the program, visit:
yorku.ca/science/science-student-ambassadors

BOOK YOUR SCIENCE TOUR

Meet with current students and the recruitment team for a tour of our facilities and hear more about what York Science has to offer! During your tour, you will have the chance to ask any questions and get an inside look at student life.

To learn more and book your tour, visit:
yorku.ca/science/tour-the-faculty-of-science

FIRST YEAR SCIENCE PROGRAM

Discover the First Year Science Program at York's new Markham campus. With small class sizes, innovative course design, and state-of-the-art facilities, you will develop your future goals before transitioning to Keele Campus in your second year. Upon completion, you will fulfill all first-year requirements for various programs, including Life and Chemical Sciences.

To learn more about Markham Campus, visit:
yorku.ca/markham

“As a York Science student there are always opportunities available to you. The Mathematics and Statistics department has industry professionals coming in for **networking sessions and events** where you see how you can use what you're learning in the classroom and apply it to the working world. The entire York Science community, from your professors to your peers and the staff, wants to see you **strive for success.**”

Kobe
Actuarial Science Student



“I chose York Science because I was very happy to be able to select within a range of **flexible science programs** which included courses with hands-on laboratory research exposure within my first semester. York Science emphasized the importance of collaboration and using many resources that the university has to offer to make new students, like myself, **feel welcomed into a community** with peers who have similar interests.”

Victoria
Biomedical Science Student



WHY YORK SCIENCE?

York Science offers academic excellence and a collaborative, engaging culture that maximizes learning, belonging, and personal development. Our community of learners, academics, and student services staff are invested in helping you fulfill your highest potential. A York Science education equips you with a scientific mindset valued by employers in any sector and a foundation for further study in academia or professional school.

EXPERIENTIAL EDUCATION

Science Co-op Program

The **Science Co-op Program** allows you to gain professional, paid work experience related to your program of study. During work terms, you will have the opportunity to apply your classroom learning in a real work environment. The program provides flexibility, allowing you to choose how much work experience you would like to gain (minimum 8 months, maximum 20 months) throughout your degree.

Full-time students who are enrolled in the following programs are eligible to apply:

- Biochemistry
- Biophysics
- Environmental Biology
- Biology
- Biotechnology
- Environmental Science
- Biomedical Science
- Chemistry
- Data Science
- Physics & Astronomy

Some of our programs also offer an **internship course** to students opting for a shorter (4 month) work experience. By taking the internship course, you benefit from departmental supervision and support.

“I think that my co-op placement at Sanofi Pasteur was very **beneficial for my career prospects and personal growth**. I learned the ins and outs of a pharmaceutical company and the industry in general, which helped clarify the career path I’d like to pursue after I complete my degree. I also felt supported by my co-op coordinator throughout the entire process, who not only helped me with my resume and applications but was also available for regular check-ins while I was doing my placement.”

Anastasia
Biotechnology Alumni, Co-op at Sanofi Pasteur Ltd.



STUDENT SUCCESS

The Faculty of Science has diverse academic and social supports there for you before you even arrive on campus.

Science Academic Advisors

At York Science, you will be assigned an Science Academic Advisor during your time with us. We want to ensure that you always have a place to go for advice, or just a supportive smile. We make sure you have the information you need, when you need it, via informational sessions throughout the year.

For more information, visit:
yorku.ca/science/student-success

Bethune College Community

Bethune is the “home” for Science and Engineering students at York. Science students are automatically members of the College, and have free access to a variety of academic services, such as Peer-Assisted Study Sessions, Peer Tutoring, the Bethune Writing Centre, Seminars and Workshops. Also at Bethune is the **Peer Mentoring Program**, which is designed to assist you in making a successful transition into university life.

To learn more about Bethune College, visit:
yorku.ca/colleges/bethune

GREAT FUTURES START HERE

This table shows the 4U or M courses required for admission to each of our degree programs. All undergraduate applicants to York must complete an overall total of six 4U or M courses, or their equivalents, to be considered for admission.

Program	ENG4U	MHF4U	SBI4U	SCH4U	SPH4U	MCV4U	Other requirements
Life Science							
Biology (BSc, iBSc)	✓	✓	✓	✓	○		
Biomedical Science (BSc, iBSc)	✓	✓	✓	✓	○		
Biotechnology (BSc)	✓	✓	✓	✓	○		
Environmental Biology (BSc)	✓	✓	✓	✓	○		
Environmental Science (BSc)	✓	✓	✓	✓	○	✓	
Neuroscience (BSc)	✓	✓	✓	✓			
Chemical & Physical Science							
Biochemistry (BSc)	✓	✓	✓	✓	○	✓	
Biomedical Physics (BSc)	✓	✓	✓	○	✓	✓	
Chemistry (BSc)	✓	✓		✓	○	○	
Physics & Astronomy (BSc)	✓	✓		○	✓	✓	
Mathematics & Statistics							
Actuarial Science (BA)	✓	✓				○	
Applied Mathematics (BA)	✓	✓				○	
(BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Data Science (BA)	✓	✓				✓	MHF4U grade of at least 75%
(BSc)	✓	✓				✓	SBI4U or SCH4U or SPH4U, MHF4U grade of at least 75%
Mathematics (BA)	✓	✓				○	
(BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Mathematics for Education (BA)	✓	✓				○	
(BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Statistics (BA)	✓	✓				○	
(BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Science, Technology & Society							
Science, Technology & Society (BA)	✓						SBI4U or SCH4U or SPH4U
(BSc)	✓	✓					SBI4U or SCH4U or SPH4U
Other Science Programs (First Year Only)							
Undecided Major	✓	✓					SBI4U or SCH4U or SPH4U
First Year Science ** (Markham Campus)	✓	✓					SBI4U or SCH4U or SPH4U

* * The requirements listed in this table are the general admission requirements for the First Year Science program. There may be additional 12U requirements to follow specific degree pathways in your second year. Please visit yorku.ca/science/FYS for more information.

✓ Prerequisite requirement

○ Recommended course

SCHOLARSHIPS & AWARDS

Learn more about the scholarship and awards opportunities for students in the Faculty of Science and at York University.

YORK SCIENCE SCHOLARS AWARD

The York Science Scholars Award is a combined scholarship and research placement award worth \$10,000 in total. This award is considered separately, and in addition to, other York University or Science admissions awards or scholarships. Past recipients have done research in areas ranging from dynamic light scattering methods for viral detection, to curriculum development in mathematics education, to the regulation of gene expression in *Tetrahymena thermophila*.

Visit our website for more information or to apply:
yorku.ca/science/yssa

HELEN FREEDHOFF FIRST YEAR AWARD

The Helen Freedhoff First Year Award offers \$5000 upon full-time enrolment to York University's Faculty of Science in the Physics and Astronomy department. The recipient will also be eligible for additional \$5000 contingent upon successful completion of a 12 week experiential component.

For a full list of the scholarships, awards, and bursaries available to York students, visit:

go.yorku.ca/scholarships

SCIENCE ENTRANCE SCHOLARSHIP FOR INTERNATIONAL STUDENTS

New **international students** to York University applying to the Faculty of Science will be automatically considered for an entrance scholarship based on final admission average. No application is required for this scholarship.

Final average: **90%+**

Award Amount: **\$3000**

For a full list of the scholarships, awards, and bursaries available to York students, visit: go.yorku.ca/scholarships

YORK AUTOMATIC ENTRANCE SCHOLARSHIP

Entrance scholarships are available to domestic high school applicants admitted to a direct entry undergraduate program. This entrance scholarship is automatically applied, renewable at all levels and can be regained when you recover the minimum required GPA. Please see the table below for Final Averages and Amounts for this Entrance Scholarship.

For a full list of the scholarships, awards, and bursaries available to York students, visit: go.yorku.ca/scholarships

Final Average	Amount	
95% - 100%	\$14,000	(\$3,500 x 4 yrs*)
90% - 94.9%	\$8,000	(\$2,000 x 4 yrs*)
85% - 89.9%	\$6,000	(\$1,500 x 4 yrs*)
80% - 84.9%	\$4,000	(\$1,000 x 4 yrs*)

*Scholarships are renewable for an additional three years of full time undergraduate study as long as the renewal criteria is maintained.



Scan the QR code to access our digital viewbook and learn more about the Faculty of Science at York.



LET'S CONNECT

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

science@yorku.ca

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yorku.ca/science

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York University - Faculty of Science

Amazing things happen when diverse communities work together to tackle world issues. When York students apply their knowledge, they have the power to make things right. Join us in creating positive change.
[yorku.ca/right the future](http://yorku.ca/right-the-future)

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