

A woman with curly hair, wearing a purple lab coat, is working in a laboratory. She is wearing blue gloves and a watch, and is holding a small device. The background shows laboratory equipment and a computer monitor.

2026-27

Faculty of Science
York University

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

“Students come to Bethune to build connections, ask questions, and engage in student leadership within the larger university. By participating in programs such as peer mentoring, student government, an intramural sports, the college system has strengthened my confidence and skills in academic and leadership settings. I’m truly grateful for the sense of belonging and purpose Bethune has given me throughout my time at York.”

Taline
Biology Student, Peer Mentor



“The Science Student Ambassador program has been a deeply enriching part of my journey at York University. Being an ambassador not only allowed me to contribute to the York community but also helped me grow in confidence, communication, and leadership. I would highly encourage others to take part in this program—it’s a rewarding experience that leaves a lasting impact, both personally and within our student community.”

Nakul
Physics and Astronomy Student, Science Student Ambassador

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:

- Applied Mathematics
- Biochemistry
- Biology
- Biomedical Science
- Biotechnology
- Chemistry
- Data Science
- Mathematics
- Mathematics for Education
- Neuroscience
- Physics & Astronomy
- Science, Technology & Society
- Statistics

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’m pursuing a specialized Bachelor’s Honors in Biochemistry. I embarked on a co-op opportunity between my second and third year, and joined Sanofi Pasteur’s Product Portfolio Management in the Vaccine Supply Chain Department. There, I was involved in product launches, experiencing firsthand the impact of science on public health. Fueled by my deep passion for science, I’m driven to push boundaries, exploring new frontiers to simplify people’s lives through innovative scientific solutions.”

Parna
Biochemistry Student, Co-op at Sanofi Pasteur



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 your 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) | ✓ | ✓ | ✓ | ✓ | ○ | | |
| Biochemistry (BSc) | ✓ | ✓ | ✓ | ✓ | ○ | ✓ | |
| Biomedical Science (BSc, iBSc) | ✓ | ✓ | ✓ | ✓ | ○ | | |
| Biotechnology (BSc) | ✓ | ✓ | ✓ | ✓ | ○ | | |
| Neuroscience (BSc)* | ✓ | ✓ | ✓ | ✓ | | | No prerequisite below 80% |
| Chemical & Physical Science | | | | | | | |
| Chemistry (BSc) | ✓ | ✓ | | ✓ | ○ | ○ | One additional 4U or M Science |
| Physics & Astronomy (BSc) | ✓ | ✓ | | ○ | ✓ | ✓ | |
| Mathematics & Statistics | | | | | | | |
| Actuarial Science (BA) | ✓ | ✓ | | | | ○ | |
| Applied Mathematics (BA) (BSc) | ✓ | ✓ | | | | ○ | |
| | ✓ | ✓ | | | | ○ | SBI4U or SCH4U or SPH4U |
| Data Science (BA) (BSc) | ✓ | ✓ | | | | ✓ | MHF4U grade of at least 75% |
| | ✓ | ✓ | | | | ✓ | 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) (BSc) | ✓ | | | | | | SBI4U or SCH4U or SPH4U** |
| | ✓ | ✓ | | | | | 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 |

* Joint program with Faculty of Health

** SBI4U or SCH4U or SPH4U admission requirement to be removed for STS (BA), pending senate approval

*** 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.

SCIENCE SCHOLARSHIPS & AWARDS

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

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

YAVIN FAMILY INTERNATIONAL SCIENCE STUDENT SCHOLARSHIP

Mina and Itay Yavin met at one of the retreats organized by York International while they were visa students studying science at York University. They remain appreciative of the way York University and Canada welcomed and treated them. They support academic excellence in the firm belief that exceptional international students enrich both York University and Canada.

This scholarship was created to benefit first-year Faculty of Science international students who show exemplary academic achievement and extra-curricular participation in their field of study. There will be two recipients and each recipient of this scholarship will be awarded \$25,000.

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

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



“As an international student, the YSSA not only eased my transition into university but gave me early access to the world of hands-on scientific research. Through the summer research placement, I worked under Professor Philip Johnson in the Department of Chemistry, exploring the 3D structure of RNA molecules and protein-RNA complexes using advanced NMR and molecular biology techniques. This experience helped me bridge the gap between theory and real-world science, develop critical research skills, and feel connected to York’s scientific community.”

Ananya

Biotechnology Student, YSSA Recipient

LET'S CONNECT

We want to hear from you! Give us a call or drop us an email.

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