

A close-up photograph of a man with a beard and safety glasses, looking upwards. A hand in a purple glove holds a test tube near his face. The image is framed by a red border on the left and top, and a blue border on the right.

2027-28

Faculty of Science
York University

science



WELCOME TO YORK SCIENCE

We're excited to welcome you to a dynamic, supportive community where you'll be challenged, inspired, and empowered to succeed. Through exceptional learning experiences inside and outside the classroom, hands-on research opportunities, and dedicated student supports, you'll learn alongside outstanding faculty and peers. Because at York Science, we believe we achieve more by learning from one another.



Maydianne Andrade
PhD, FRCGS
Dean, Faculty of Science

WHY YORK SCIENCE?

At York Science, you'll experience academic excellence in a collaborative, engaging community that fosters learning, belonging, and personal growth. Our faculty, staff, and student support teams are committed to helping you reach your full potential. You'll graduate with a scientific mindset, practical skills, and a strong foundation for careers across industries or further study in graduate or professional programs.

SCIENCE CO-OP PROGRAM

Gain professional, paid work experience related to your program of study while completing your degree. Through the Science Co-op Program, you'll apply your classroom learning in a real-world setting, build valuable skills, and explore potential career paths.



All Science programs offer optional co-op opportunities for full-time students.



Flexibility to complete 8-20 months of co-op work experience.



Earn an average of \$23.24/hour during your co-op work terms.

SUPPORTING YOUR SUCCESS

The Faculty of Science is committed to your success, with academic and social supports available before you arrive on campus. With dedicated academic advising, personalized guidance, and a welcoming community, you'll have the resources to thrive in and outside the classroom.



Academic advising to help you plan your degree and achieve your goals.

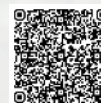


Peer support through mentoring, tutoring, and Peer-Assisted Study Sessions.



Learning resources including writing support, seminars, and skill-building opportunities.

Looking for more experience? Explore on-campus work opportunities at York.



Learn about our student services

"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 Ltd.



ADMISSION REQUIREMENTS

Find the prerequisite courses you'll need for your chosen Science program. All applicants must complete an **overall total of six 4U or M courses**, or their equivalents, and meet the program-specific requirements listed below to be considered for admission.

Your
Admission
Journey

Select a
Program



Review
Prerequisites



Apply



Receive and
Accept Offer



Become a York
Science Student

✓ = Required

○ = Recommended

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)	✓	✓				○	
Applied Mathematics (BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Data Science (BA)	✓	✓				✓	MHF4U grade of at least 75%
Data Science (BSc)	✓	✓				✓	SBI4U or SCH4U or SPH4U, MHF4U grade of at least 75%
Mathematics (BA)	✓	✓				○	
Mathematics (BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Mathematics for Education (BA)	✓	✓				○	
Mathematics for Education (BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Statistics (BA)	✓	✓				○	
Statistics (BSc)	✓	✓				○	SBI4U or SCH4U or SPH4U
Science, Technology & Society							
Science, Technology & Society (BA)	✓						SBI4U or SCH4U or SPH4U
Science, Technology & Society (BSc)	✓	✓					SBI4U or SCH4U or SPH4U
General Science Programs							
Science (BSc)	✓	✓					SBI4U or SCH4U or SPH4U
Science (BSc) (First Year at Markham)**	✓	✓					SBI4U or SCH4U or SPH4U

* Joint program with Faculty of Health

** The requirements listed in this table are the general admission requirements for the Bachelor of Science (First Year at Markham) 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.

FIND YOUR COMMUNITY AT SCIENCE

Find your place in a welcoming and supportive community at York Science where students, faculty, and staff are invested in your success. Build meaningful connections during your studies while exploring opportunities for research, community leadership, hands-on learning, and student involvement.

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. Take a guided tour of our facilities, ask questions, and get an inside look at student life. There are plenty of ways for you to learn more about the Faculty of Science and York University.



Register for
an event

SCIENCE AMBASSADORS

Science Student Ambassadors (SSAs) are current York Science students who are here to support you throughout your transition to university. 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 also join the team in your second year!



Learn about our
ambassadors

RESEARCH OPPORTUNITIES

Take your learning beyond the classroom by exploring undergraduate research opportunities at York Science. Work alongside our diverse community of researchers to explore paid, volunteer, and course-based research, while contributing to discoveries that address real-world challenges.



Explore
research at York



NEW PROGRAM: SCIENCE (BSc)

The **Science (BSc)** program is a flexible degree designed for students with broad scientific interests, allowing you to customize your studies across multiple disciplines. As your interests evolve, you can seamlessly transition into another major or graduate with a general science degree.

Available at: **Keele Campus**
Markham Campus (First Year Only)

SCIENCE SCHOLARSHIPS & AWARDS

Learn more about the scholarships and awards available to students in the Faculty of Science. Explore our awards below and the opportunities they offer for funding and research placement, or scan the QR code to the right to browse more funding opportunities for York students.



Browse more
funding

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*.



\$10,000
Award



Summer Research
Opportunity



Domestic & International
Students

HELEN FREEDHOFF FIRST YEAR AWARD

The Helen Freedhoff First Year Award provides up to \$10,000 in funding for domestic and/or international students entering York University's Faculty of Science in the Physics and Astronomy department. Students receive \$5,000 upon full-time enrolment and become eligible for an additional \$5,000 after successfully completing a 12-week summer research placement with a Faculty of Science professor following their first year.



Up to \$10,000
Award



Summer Research
Opportunity



Physics & Astronomy
Students Only

YAVIN FAMILY INTERNATIONAL SCIENCE STUDENT SCHOLARSHIP

York Science international student alumni, Mina and Itay Yavin, created this scholarship 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.



\$25,000
Award



Academic Excellence
Rewarded



International
Students Only



"As an international student, the YSSA eased my transition to university and introduced me to 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. This experience helped me bridge the gap between theory and real-world science and feel connected to York's scientific community.

Ananya

Biotechnology Student, YSSA Recipient

CONNECT WITH THE FACULTY OF SCIENCE

Next Steps

Visit us online: yorku.ca/science

Join us for an event: yorku.ca/science/science-events

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

✉ science@yorku.ca

☎ 416.908.2408



Scan to learn
more about
Science at York

Engage with our community:



@yorkuscience

York University -
Faculty of Science

Explore our Science facilities:



Life Sciences Building



Allan I. Carswell Observatory



Chemistry Building

355 Lumbers Building
York University
4700 Keele Street
Toronto, Ontario



science

