THIS IS SCIENCE [OPEN YOUR MIND]
WELCOME TO THE
FACULTY OF SCIENCE

Come Visit Us

Explore Science Program
See what life as a York Science student is like! The Explore Science Program gives you the opportunity to attend lectures, engage one-on-one with current students, and learn about the Faculty of Science and York University from the perspective of a science student. For a list of dates and to register, visit: yorku.ca/science/explore-science

Virtual Faculty of Science School Visits
Register and join us online to learn more about York Science! Hosted by the Student Recruitment team, these sessions will feature an overview of Science at York, our science buildings, science programs, and the various opportunities we offer outside the classroom. For a list of dates and to register, visit: yorku.ca/science/virtual-york-science-information-session

Fall First Look
Get your first look at all that York University has to offer. From programs to admission, students to campus life and everything in between, join us online to connect directly with professors, current students and admissions staff.
For more information, visit: yorku.easyvirtualfair.com
Fall First Look: October 3, 2020

Fall Campus Day
York University hosts a Fall campus-wide open house for all programs. Chat with current students, meet professors, explore programs and learn more about the Faculty of Science at York.
For more information, visit: yorku.ca/science/fall-campus-day-2020
Fall Campus Day: November 21, 2020

Throughout the year, events are held to help inform applicants about a range of different programs and topics. To learn more about Faculty of Science events and register, visit: yorku.ca/science/science-events
Great futures start at York Science. We equip our students with the scientific thinking mindset that is applicable to any career or academic path. York Science students experience rigorous programs that develop strong critical thinking and evidence-based decision-making skills. With globally renowned faculty members, modern facilities, dedicated staff, and a supportive and collaborative atmosphere, York Science is committed to the academic and personal success of each of our students. Our programs are designed to help high-achieving students like you attain academic and career success.

**Experiential Education**

The Faculty of Science provides a rich diversity of opportunities for undergraduate students to engage in Experiential Education. Students can explore the ideas covered in class through a variety of experiences — whether they are in the classroom, in a lab, working in a community organization or a private sector firm. Experiential Education leads to deeper learning and better preparation for life after graduation, whether that is in the job market or further professional studies.

**Co-op & Internship**

Co-op and internship opportunities allow students to gain professional, paid work experience related to their program of study. Each position is vetted and approved by York University to ensure that students are engaging in productive and meaningful work in their respective disciplines. During their work terms, students will have the opportunity to apply their theoretical knowledge in a real work environment.

Co-op programs currently available, and expanding for: Biochemistry, Biotechnology, Chemistry, Environmental Biology and Environmental Science

Internship programs currently available, and expanding for: Actuarial Science, Biology, Biophysics, Chemistry, Physics & Astronomy, and Mathematics & Statistics

**Research Opportunities**

Advance your knowledge by gaining research experience outside the classroom. Students are able to learn advanced lab skills, use sophisticated lab equipment, interact with graduate students, gain in-depth knowledge in a particular field, and actually contribute to the advancement of scientific knowledge.

For more information about Experiential Education, requirements and how to apply, visit: [yorku.ca/science/students/experiential-education](http://yorku.ca/science/students/experiential-education)
At York, scientific progress occurs within and across traditional disciplines through innovation and collaboration. The Faculty of Science lets you customize your university experience to feed your curiosity and meet your academic and career needs.

### CHEMICAL & PHYSICAL SCIENCES

- Biochemistry – BSc
- Biophysics – BSc
- Chemistry – BSc
- Physics & Astronomy – BSc
- Space Science – BSc
- Undecided Major – first year only

**POSSIBLE CAREERS:**
- Pharmaceutical Research
- Toxicologist
- Chemist, Radiologist
- Aerospace Industry
- Forensic Scientist

### ENVIRONMENTAL SCIENCES

- Environmental Biology – BSc
- Environmental Science – BSc
- Geography – BSc
- Undecided Major – first year only

**POSSIBLE CAREERS:**
- Conservation Biologist
- Urban Planner
- Public Policy Advisor
- Ecologist, Lawyer
- GIS Technician

### LIFE SCIENCES

- Biology – BSc, iBSc
- Biomedical Science – BSc, iBSc
- Biotechnology – BSc
- Environmental Biology – BSc
- Neuroscience - BSc
- Undecided Major – first year only

**POSSIBLE CAREERS:**
- Physician, Optometrist
- Veterinarian
- Microbiologist, Dentist
- Pharmacist
- Agricultural Research

### MATHEMATICS

- Actuarial Science – BA
- Applied Mathematics – BSc, BA
- Mathematical Biology – BSc
- Mathematics – BSc, BA
- Mathematics for Education – BSc, BA
- Statistics – BSc, BA
- Undecided Major – first year only

**POSSIBLE CAREERS:**
- Actuary, Statistician
- Financial Analyst
- Accountant, Data Analyst, Teacher

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**Neuroscience at York:**

The Bachelor of Science in Neuroscience (BSc) combines broad neuroscience foundation courses with the ability, based on a student’s preference, to focus in one of three streams. In the final year, students participate in the unique Neuroscience Capstone Experience. Visit [neuroscience.yorku.ca](http://neuroscience.yorku.ca) for more information.
York Science Scholars Award
Consider applying for the Faculty of Science combined scholarship and research placement award, worth $10,000 in total. Our current recipients are doing innovative research in areas ranging from sensory information & perception to regulation of gene expression in *Tetrahymena thermophila*.

Visit our website for more information or to apply: [yorku.ca/science/york-science-scholars-award-yssa](http://yorku.ca/science/york-science-scholars-award-yssa)

York Science Awards
Faculty of Science Entrance Scholarship (for applicants with an average of 90%+) ($2,000)

Ray and Joe Abramson Award in Mathematics & Statistics ($1,300)

For a full list of scholarships available, visit: [go.yorku.ca/scholarships](http://go.yorku.ca/scholarships)

**York University General Awards**
Incoming students are automatically considered (no application required) for the York University Entrance Scholarship

<table>
<thead>
<tr>
<th>Final Average</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>95%+</td>
<td>$18,000 (£4,000 x 4yrs + $2,000*)</td>
</tr>
<tr>
<td>90% - 94.9%</td>
<td>$4,500 (£2,500 + $2,000*)</td>
</tr>
<tr>
<td>85% - 89.9%</td>
<td>$1,500</td>
</tr>
<tr>
<td>80% - 84.9%</td>
<td>$1,000</td>
</tr>
</tbody>
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*90%+ students receive the Science Scholarship of $2,000 for first year in addition to the York University General Awards

**Student Transition**
Orientation - A great way for new students to transition into university, discover campus resources, and establish social and academic networks. The events, tours, and panels during orientation are geared towards Science students.

Peer Mentoring - The Peer Mentoring program is designed to assist first-year students in making a successful transition to university life. All incoming first-year science students are matched with a peer mentor before September classes start. The mentors are successful upper-year students who are trained as peer mentors. These mentors are in the same program as the incoming student, and are available to answer questions, give advice, and help incoming students adapt to university life.

**Affiliations**
Bethune College - Bethune College is the “home” for science and engineering students at York. Students in the Faculty of Science and Lassonde School of Engineering are automatically members of the college, and have free access to a variety of academic services, such as:
- Peer-Assisted Study Sessions
- Seminars and Workshops
- Bethune Writing Centre
- Peer Tutoring
- Class Representatives
- Math Help

A degree from the Faculty of Science opens the door to many different pathways and opportunities. York Science offers an ideal learning environment to achieve your highest potential. To learn more about graduating and careers, visit: [yorku.ca/science/graduating-and-careers](http://yorku.ca/science/graduating-and-careers)
LET’S CONNECT
We are happy to help! Give us a call or drop us an email.

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