THIS IS SCIENCE

[ OPEN YOUR MIND ]
Come Visit Us

Explore Science Program
Come 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, visit Faculty of Science facilities, and explore the York Campus from the perspective of a science student.
For a list of dates and to register, visit: science.yorku.ca/explore-science

Fall Campus Day and Experience York
York University hosts a Fall and Spring campus-wide open house for all programs. Chat with current students, meet professors, explore programs and tour our world-class facilities. Come and see where you will study, learn, live, rest, relax, work out, eat and so much more!
Fall Campus Day: November 16th, 2019, visit: yorku.ca/fallcampusday
Spring Open House: March 28th, 2020, visit: go.yorku.ca/soh

March Break at York Science
Join us at our extended Explore Science program during March Break. Learn more about your future as a science student at York as our Science Student Ambassadors guide you through campus to sample live lectures, tour labs, lecture halls, libraries, residences, dining halls and more! Parents and guardians will also have the chance to meet with our Science Recruitment Officer to address any questions and concerns.
science.yorku.ca/explore-science
Dates: March 16 - 19, 2020

General tours of York University’s campus:
futurestudents.yorku.ca/tours
WHY YORK SCIENCE?

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 available for: Biochemistry, Biotechnology, Chemistry, Environmental Biology and Environmental Science
Internship programs available for: Biophysics, Physics & Astronomy, Actuarial Science, 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 visit: science.yorku.ca/current-students/ee/
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
- **Integrated Science** - first year only
- **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
- **Integrated Science** - first year only
- **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
- **Integrated Science** - first year only
- **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
- **Integrated Science** - first year only
- **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 [science.yorku.ca/neuroscience](http://science.yorku.ca/neuroscience) for more information.
Scholarships & Student Success

The Faculty of Science reserves scholarships for high-achieving students. Some of these entrance awards are listed below.

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: science.yorku.ca/scholarsaward

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

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York University General Awards
Incoming students are automatically considered (no application required) for the York University Entrance Scholarship and Student Life Award (SLA)

<table>
<thead>
<tr>
<th>Final Average</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>95%+</td>
<td>$16,500 ($3,500 x 4 yrs + $2,000* + $500 SLA)</td>
</tr>
<tr>
<td>90% - 94.9%</td>
<td>$4,500 ($2,000 + $2,000* + $500 SLA)</td>
</tr>
<tr>
<td>85% - 89.9%</td>
<td>$1,500 ($1,000 + $500 SLA)</td>
</tr>
<tr>
<td>80% - 84.9%</td>
<td>$1,000 ($500 + $500 SLA)</td>
</tr>
<tr>
<td>75% - 79.9%</td>
<td>$500 SLA</td>
</tr>
</tbody>
</table>

*90%+ students receive the Science Scholarship of $2,000 for first year in addition to the York University General Awards

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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

Equipping You for Professional School
York’s Faculty of Science degree programs offer the prerequisite courses required by medical, dental, pharmaceutical and other professional schools in Ontario and across Canada. For more information visit: science.yorku.ca/preparingyouforprofessionalschool/
LET'S CONNECT
We are happy to help! Give us a call or drop us an email.

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