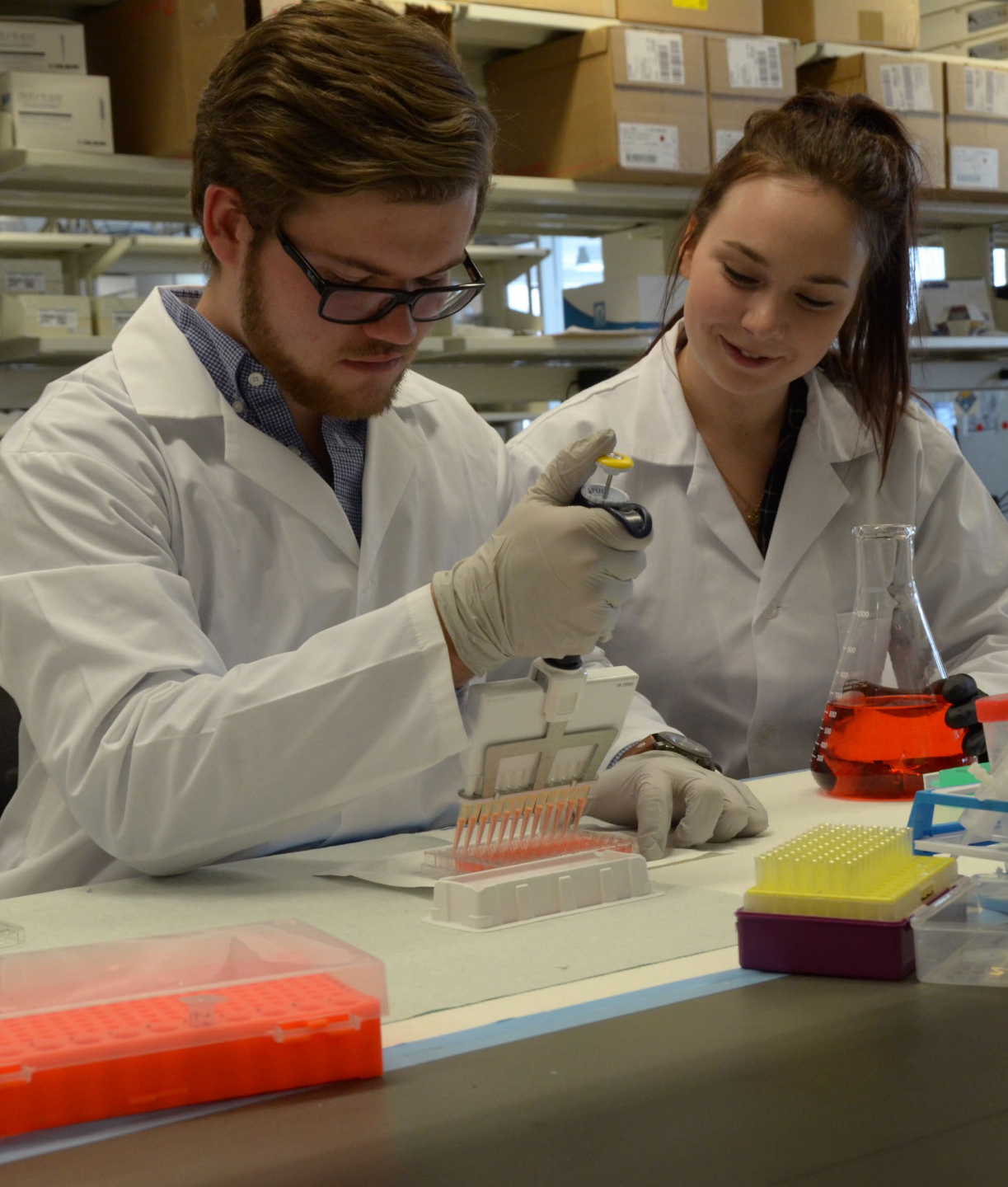


Experience
Biological Sciences
at
Brock University





Why Study Biology?

Biology is the study of life. Biology teaches us to understand and appreciate humanity's place in nature and our relationship to the rest of the living world. It also helps us to understand ourselves and our environment.

It opens the doors to many exciting career opportunities.

Discover Biological Sciences at Brock University

Brock University is ranked highly among undergraduate Canadian universities in medical and science research grants.

Through the Biological Sciences Department, you'll have access to modern labs and the teaching and research knowledge of professors who have received provincial, national and international acclaim for their work.

You will learn to become proficient at the bench, conduct research, problem solve, think critically and learn important transferable skills.

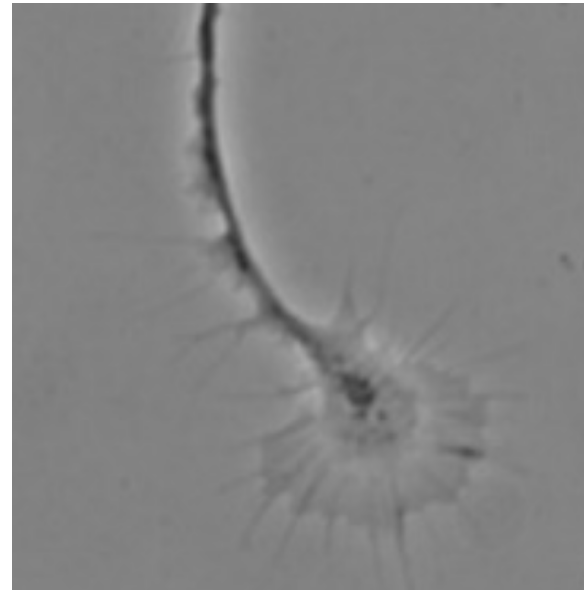
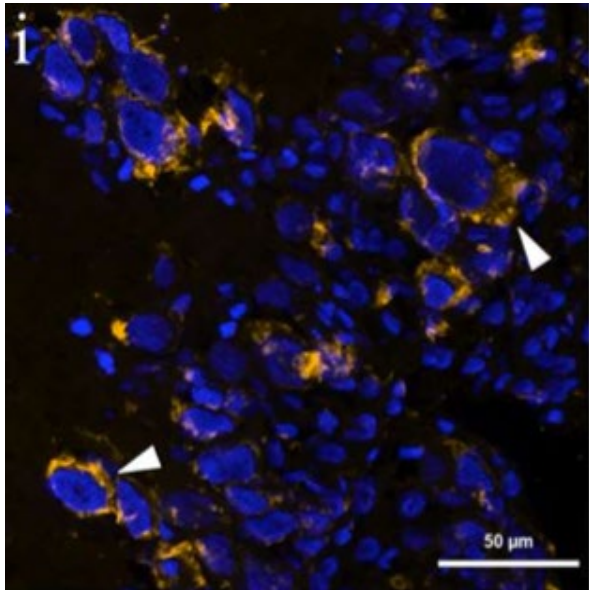


Why Choose Biological Sciences at Brock?

- Unique programs and research opportunities that put innovation and experiential education first
- Opportunity to design your own program
- Independent Thesis Opportunities
- Limit of 20 of students in each lab with two Teaching Assistants
- Experienced and new faculty to help you on your chosen career path
- New Coop Program – Exciting workplace opportunities
- Science Start Program – Demonstrates commitment to student success
- Lab Links to Careers Program- Unique certification program
- Availability of supportive mentorship programs
- Exciting Student Groups- Brock Biological Society and FMSC

In the Department of Biological Sciences, the main themes of research are:

- Cell and Molecular Biology
- Ecology and Evolution
- Neurobiology and Physiology
- Plant Sciences, Oncology, and Viticulture



Research Facilities

- The department is well equipped with state-of-the-art laboratory equipment for molecular, microbiological, physiological and biochemical research.
- A greenhouse, plant growth chamber and facilities for terrestrial (lizards, tortoises, amphibians) and aquatic animals (fish, crayfish) are available to students.
- Containment **Level 3 lab** with an insectary is the only one of its kind in Canada.





Biology Co-op

A pathway to build your employability skills and future career.

The co-op advantage:

- Discover your strengths.
- Build foundational skills to apply inside and outside the classroom.
- Explore possibilities and graduate with a minimum of 12 months of career experience.

Science Start: A 5-week preparation course

Ensure you have a strong understanding of biology fundamentals and the skills needed to be successful in future university courses.

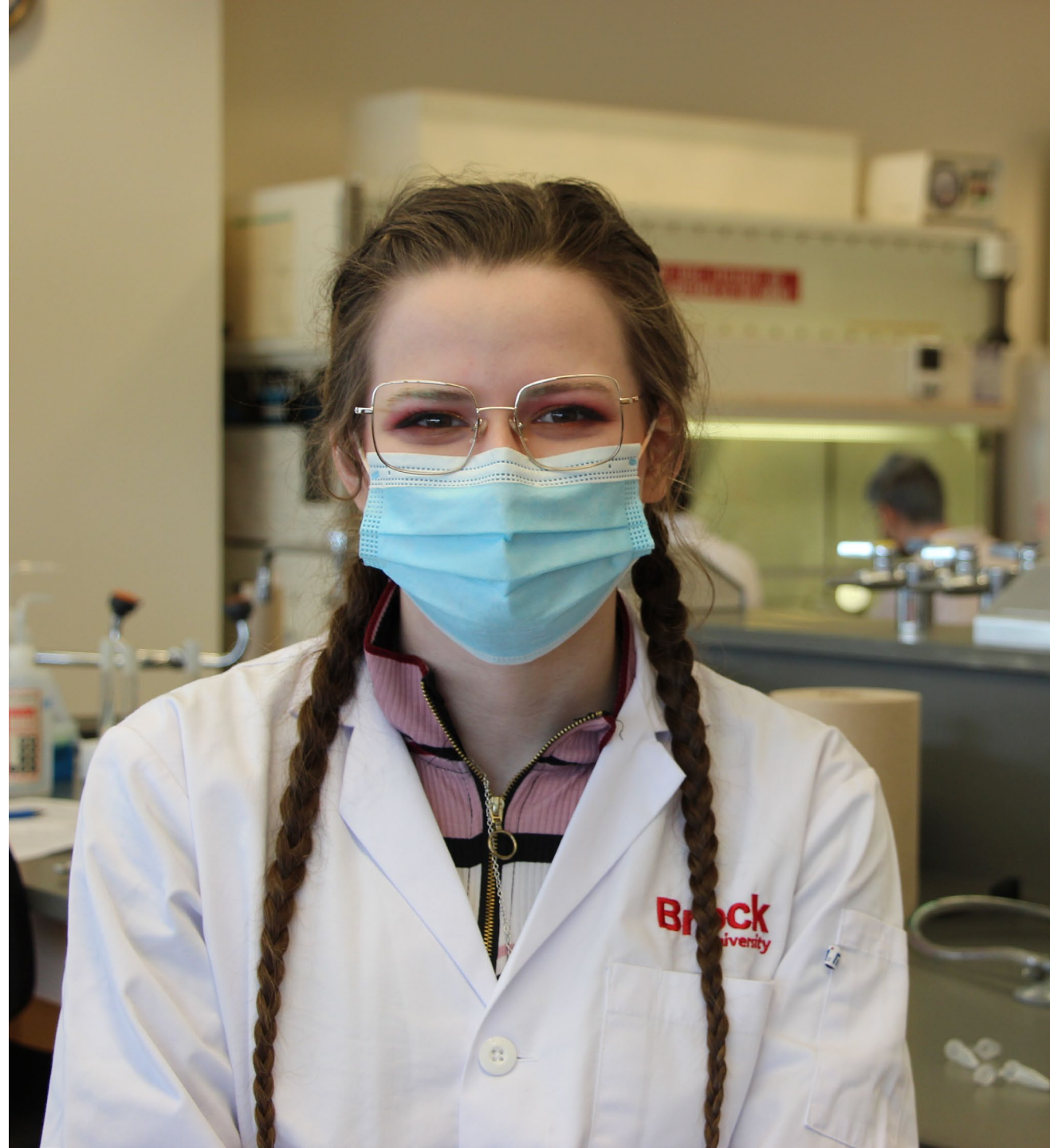
- Designed for first-year students entering a degree program at Brock University with a biology component.
- Science Start will provide you with a combination of lessons, workshops, and lab tutorials.
- Offered online and in-person.



Biological Sciences



“I loved being in the science start program! It gave me a chance to see the school and get hands on experience before I headed into my first year of university.”



Lab Links to Careers

Make connections

Improve your job prospects

Prepare for your future

Designed to provide you with an opportunity to identify, practice and document valuable laboratory skills.

Through Lab Links you will have an opportunity to:

- Have your skills evaluated
- Build your resume and portfolio
- Document your skills on your Experience Plus transcript



Basic Lab Skills testing sessions consist of a tutorial and a hands-on laboratory testing session.

Examples of Basic Lab Skills:

- Laboratory calculations
- Aseptic technique
- Estimating the size of cells using a microscope
- Using a spectrophotometer
- Using a microcentrifuge
- And more...

Intermediate Skills include molecular, microbiological, plant, and microscopy.

Advanced Skills are organized into independent project sessions.

Visit <https://brocku.ca/ccee/lab-links/> for more information.



Experience Biological Sciences

Have questions,
please email
futurestudent@brocku.ca

