

EXPERIENCE.
APPLIED HEALTH SCIENCES.

HEALTH SCIENCES

Land Acknowledgment

Brock University acknowledges the land on which we gather is the traditional territory of the Haudenosaunee and Anishinaabe peoples, many of whom continue to live and work here today.

This territory is covered by the Upper Canada Treaties and is within the land protected by the Dish with One Spoon Wampum Agreement.

Today this gathering place is home to many First Nations, Métis and Inuit peoples and acknowledging reminds us that our great standard of living is directly related to the resources and friendship of Indigenous people.

Health Sciences

Why Health Sciences at Brock University?

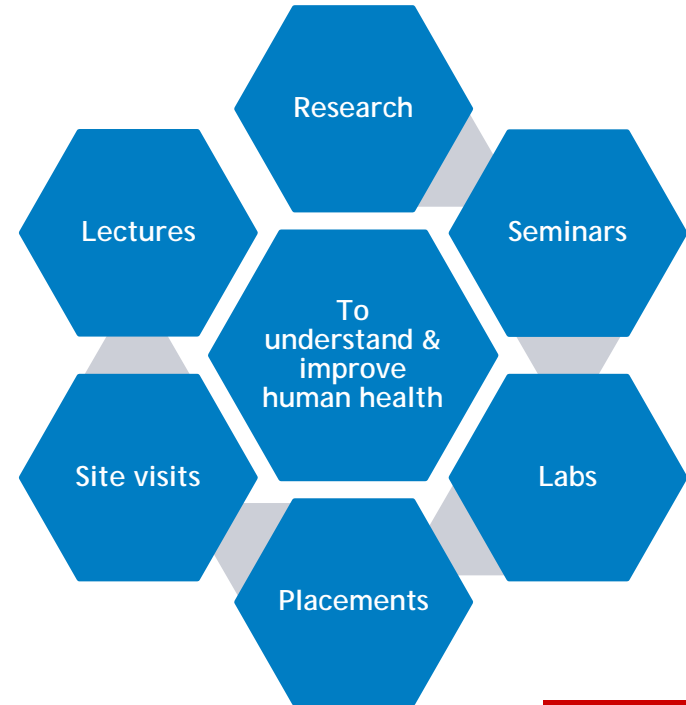
Lab Experience: Physiology, Anatomy, Pathology, Biostatistics, Parasitology, Immunology, 4th year research thesis

Practical Experience: practicums and co-op placements with agency and community partners within Niagara Region and beyond

Academic Support: faculty and academic advising available to assist and empower students in achieving educational goals



Studying Health with a Science-based Approach



Health Science Programs

- Child Health (BCH)
- Community Health (BA)
- Medical Sciences (BSc)
- Public Health (BPH) co-op and non co-op
- Public Health - Accelerate Into Masters (AIM) Program (BPH and MPH)



Child Health

This degree program (jointly offered by Health Sciences and Child and Youth Studies) will prepare you to pursue a career working with children in a health-related profession

Some of the courses you will take include:

- **HLSC 2P21 - The Health of Canadian Society**
- **HLSC 2P91 - Nutrition**
- **HLSC 3P50 - Health Promotion**
- **HLSC 3P80 - The Health of Children**
- **HLSC 4P69 - Child Mental Health**



Community Health

A 3-yr degree that allows you to pursue a career that tackles a diversity of community health challenges

Some of the courses you will take include:

- HLSC 2P07 - Biostatistics I
- HLSC 2P49 - Health & Behaviour
- HLSC 2P60 - Introduction to the History of Medicine
- HLSC 3P96 - The Development of Healthy Communities



Medical Sciences

With a focus on human health sciences, this degree will give you the knowledge and skills to help maintain health and prevent/treat diseases of individuals and communities. This degree is also well recognized by medical and professional (e.g., dentistry, chiropractic, optometry, physiotherapy) schools.

Some of the courses you will take include:

- [HLSC 2P09 - Principles of Human Physiology](#)
- [HLSC 2P95 - Human Systems Anatomy](#)
- [HLSC 3P02 - Human Immunology](#)
- [HLSC 3P19 - Principles of Pharmacology](#)
- [HLSC 3P97 - Medical Microbiology](#)
- [HLSC 4P99 - Clinical Epidemiology](#)



Public Health

The Public Health degree will allow you to pursue a dynamic career that addresses a diversity of clinical and public health challenges, locally and globally.

Some of the courses you will take include:

- [HLSC 2P27 - Research Methods in Health](#)
- [HLSC 2P65 - Health Economics](#)
- [HLSC 3Q20 - Constructing Health Campaigns](#)
- [HLSC 4P40 - Public Health Capstone](#)

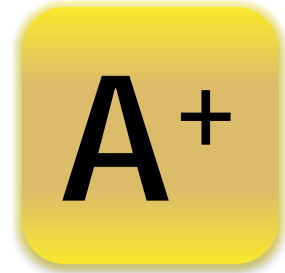


Public Health - Accelerate Into Masters (AIM) Program

Come for a Bachelor's; leave with a Master's!

Public Health - AIM Program highlights:

- First of its kind in Canada!
- 2 degrees (BPH and MPH) within 5 years
- Job experience (BPH co-op, 32-week MPH practicum)
- Exclusive to 10 students per year
- Questions about the MPH degree can be directed to mph@brocku.ca



The Health Science Experience

Your Brock Health Sciences experience will be facilitated by a talented and dedicated group of people including educators, staff and researchers

Follow us on Twitter!
[@BrockHLSC](https://twitter.com/BrockHLSC)



Med Plus

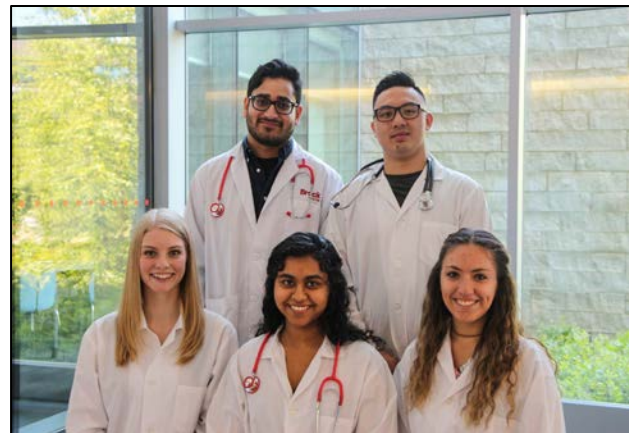
Four-year co-curricular program for students interested in pursuing careers in health care

Competitive program that enrolls **60** new students annually and is not offered at any other Canadian University

Open to all students regardless of the undergraduate program

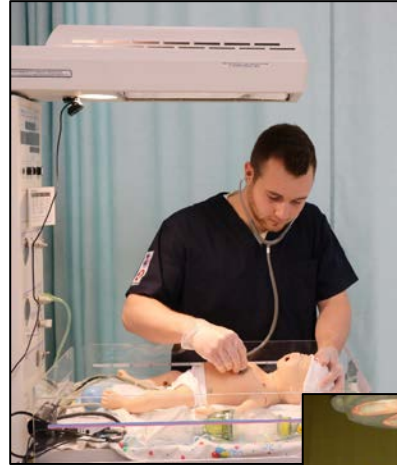
Students gain a competitive edge when applying to professional health programs (e.g., medical school, dentistry, optometry)

Since 2015, **93.4%** of Med Plus students have had positive outcomes in our program, including acceptance into professional schools, graduate programs and career related employment



Med Plus

- Health care speaker presentations & observational visits
- Professional & skill development workshops
- Volunteer & community service projects
- Job shadowing
- Program advising
- Application & interview preparation for professional schools



Med Plus

High School Applicants must have a minimum 80% academic average during grades 11 and 12

- Applicants should be aware that a significantly higher academic average improves chances of admission

Online Application - Opens January 1st

- Information about current academic standing
- Short Answer Questions
- Autobiographical Sketch



Connect with us - <https://brocku.ca/cee/career-education/med-plus/>

Fit Link

One-year co-curricular program for students interested in physiotherapy, occupational therapy, and related careers

Access to professional speaker series, skill development workshops, intensive volunteer placements, and career advising

Apply after your second year of study



Connect with us - <https://brocku.ca/ccee/career-education/fit-link/>

Experiential Education

Bridging theory and practice...

Bring to life, in a hands-on setting, theories and concepts you are learning in your academic courses.

Contact: Janet Westbury, Experiential Education Coordinator,
jwestbury@brocku.ca

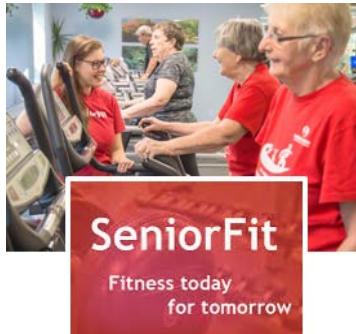
Experiential Learning in Health Sciences

- Attending community events
- Organizing and hosting events for community partners
- Field experience
- Lab work
- Practicums
- Independent work with faculty members
- Simulations and experimentations
- Service learning - working directly with our community partners
- Working with international partners (virtually and in-person)



Brock-Niagara Centre for Health and Well-being

Engage in programs that enhance quality of life of seniors, individuals with known cardiovascular disease and related risk factors, individuals with spinal cord injury, Multiple Sclerosis, and Parkinson's, and ambulating and non-ambulating amputees with a focus on exercise and physical activity. This Centre is one of many partners where our students have placements.



BROCK-NIAGARA
Centre for Health & Well-Being

<https://brocku.ca/health-well-being>



Why is this important for me?

- Apply theory to real world opportunities
- Personal growth
- Exposure to more career choices
- Understanding your professional self and developing core skills
- Getting to participate in unique and engaging experiences
- Differentiate yourself from other candidates



Student Experience Record (SER)

Ever wonder how to get that **job** when you don't have the years of on-the-job experience they are asking for?

The SER tracks every hour of experiential opportunities that you took advantage of during your degree. Upon graduation, you will receive a second transcript that will detail your **competencies** and the **total number of years/months of work-related experience** you have earned.

Student Engagement



President: Bailey Schaefer
Email: bs18nq@brocku.ca



brockhlsc



Brock Health
Sciences Council



Vice President: Ayena Ahad
Email: aa18xy@brocku.ca

Experience BU: <https://experiencebu.brocku.ca/organization/brockhlscouncil>

Virtual Lab Tours

Join Drs. Parthajit Mukherjee, Martin Dragan, and Yasmeeen Mezil as they take you on 360° tours of our teaching wet-labs and anatomy space (videos can be found on our HLSC Fall Preview site).



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Have questions, please email futurestudent@brocku.ca