# **Education**



**Experiential** Learning Guides

#### **Programs**

- Adult Education
- Child and Youth Studies
- Concurrent Education
- Consecutive Teacher Education
- Early Childhood Education
- Indigenous Education
- Technological Education

## **Experiential Education Courses**

- Advanced Community-Based Internship (EDUC 3P96) Concurrent Education students participate in field experiences where they explore the work of educators employed in settings outside of traditional schools.
  - Advanced School-Based Internship (EDUC 3P95) Concurrent Education students participate in school-based field experiences to explore the Ontario College of Teachers Standards of Practice in the life of a beginner teacher.
  - Chemical Principles and Properties I (CHEM 1P91) Students with a teachable in Chemistry explore stoichiometry, inorganic and organic reactions,
- quantum mechanics, molecular structure and bonding, solutions, thermochemistry and gas laws in tutorials and
- **Creative Play for Education (DART 1P95)** Students with a teachable in Dramatic Arts explore the use of drama and creativity in teaching through creative practice and performances.
- Experimental Physics I (PHYS 3P91) Students with a teachable in Physics conduct weekly experiments to explore and understand atomic physics, nuclear physics, and solid-state physics.
- Global Education: Field Placement (EDUC 4P36) -Education students travel to Guatemala to learn from Maya indigenous communities and observe their educational practices.
- 😚 Indigenous Philosophies in Education (ABED 3F01) -Education students participate in facilitated discussions to learn about Indigenous philosophies and traditions that impact how Indigenous peoples teach and learn.
- 😚 Indigenous Theatre (INDG/DART/CANA 2P96) -Students with a teachable in Dramatic Arts students explore the representation of Indigenous peoples and their experiences in theatre through labs.
- International Advanced Internship (EDUC 4P95) -Concurrent Education students participate in school or community-based field experiences in international settings where they explore topics like social justice, human rights, and standards of practice.
- Internship I (EDUC 3P85) Early Childhood Education students examine the process and theory behind teaching in relation to curriculum development, observation, documentation and evaluation in a community or schoolbased internship.
- Introduction to Biology I (BIOL 1P91) Students with a teachable in Biology explore the chemical basis of life including topics like membrane structure, biological energy conversion, nucleic acid structure and DNA replication, gene expression and genetics in biweekly labs.

- Introduction to Drawing (VISA 1P93) Students with a teachable in Visual Arts develop and strengthen their drawing skills through studio work.
- Making History in Niagara (HIST/CANA 3F02) -Students with a teachable in History research, design and present a proposal for a public history project. Projects may include special exhibits at local museums or libraries, historical information plaques, monuments/memorials, brochures, digital/online exhibits, live performances or other artistic productions.
- Mathematical Statistics I (MATH 2P82) Students with a teachable in Math collect data on a topic that is of interest to them, analyze the data, and come up with relevant conclusions.
- Mental Health and Wellness (EDUC 4P46) Education students plan, advertise, and execute mental health awareness events in their community.
- Meteorology (GEOG 3P08) Students with a teachable in Geography study weather analysis and forecasting, climate change, weather hazards, and extreme events in labs.
- Oral French Workshop (FREN 3P20) Students with a teachable in French practice their language fluency, style, listening skills, comprehension and production through class discussions and oral presentations.
- Principles of Service-Learning in Child and Youth **Studies (CHYS 2F15)** – Child and Youth Studies students immerse themselves in a community/educational setting to explore the principles of service-learning.
- Programming for Disability and At-Risk Youth (KINE) **4P02)** – Students with a teachable in Physical Education plan and implement therapeutic activities and exercises in a service-learning placement.
- Reading Literacy and Development (EDUC 3P45) -Education students learn about the reading process and have the option to participate in practicums at the Brock Learning Lab where they work one-on-one with local children who need reading support.

## **Brock's Core Competencies**





















## **Education**

#### Clubs

- Angels without Boundaries
- Best Buddies Brock
- Brock Biological Society
- Brock Historical Society
- Brock Musical Theatre
- Cam's Kids Foundation
- CHYS Association
- Concurrent Education Student Association
- Crafting for a Cure
- English Students' Association

- Faculty of Math and Science Council
- Inclusive Communities of Canada
- Jack.org

## **Competitions**

- Innovative Designs for Accessibility (IDeA) student competition
- Juried Exhibition (VISA Art Club)
- NSERC and SSHRC student competitions
- The MindBeacon Post-Secondary Student Art Contest
- The Natural Sciences and Engineering Research Council of Canada (NSERC)'s national photography competition: Science Exposed

## **Volunteering & Student Jobs**

#### Volunteering:

- Brock Healthy Youth Project (BHYP)
- Brock Learning Lab
- Brock Niagara Penguins
- Brock-Niagara French Contest
- Children's Movement Program
- Days For Girls Brock Chapter
- Executive positions on school clubs
- Living Learning Community (LLC) Peer Mentor in Residence
- Supporting Neurodiversity through Adaptive Programming (SNAP)
- Various opportunities through partnerships between community organizations and the Brock University Volunteer Association (BUVA)

#### **Student Jobs:**

- A-Z Learning Services (Tutor)
- Aquatics Staff (Lifeguard/Instructor)
- Brock Ambassador (MIWSFPA and Main Campus)
- Brock Learning Lab (Literacy and Math Tutor)
- James A. Gibson Library (Student Assistants)
- Nature School and Education Centre (Teacher)
- PALS (Positive Active Living for Students) Camp Instructor
- Smart Start (Team Assistant and Team Lead)
- Sports School Camp Instructor
- Youth University (Camp Instructors and Coordinators)

#### **Professional Development**

- A-Z Learning Workshops
- Brock Conference on Education
- Career prep workshops: The Teaching Resume, Job Search for Traditional and Non-Traditional Teaching Roles
- Faculty of Applied Health Sciences Mentorship Program
- Faculty of Education professional development opportunities (varies year to year)
- Q Instructional Resource Centre
- Med Plus or Law Plus
- Q Mental Health Training
- Q OFSAA's Coaching in Ontario Schools Workshop
- Q SMART Board Training
- Study, volunteer or work abroad
- The Teacher Education Liaison Committee (TELC)

#### Leadership Programming (Student Life and Success):

- Brock Leads
- Building Leaders
- Foundations in Leadership
- The Niagara Region Student Leadership Summit (NSLS)