

Experience
Brock

S T . C A T H A R I N E S O N T A R I O C A N A D A

BROCK UNIVERSITY VIEWBOOK 2005/06

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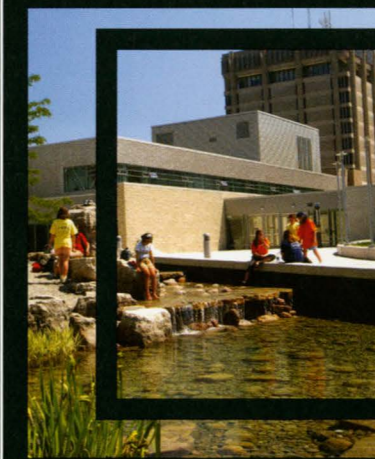
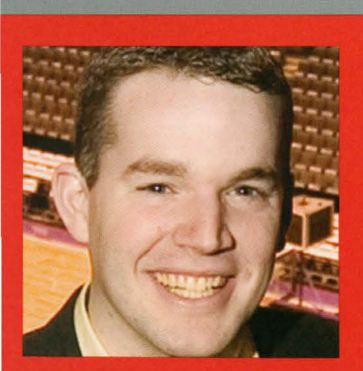
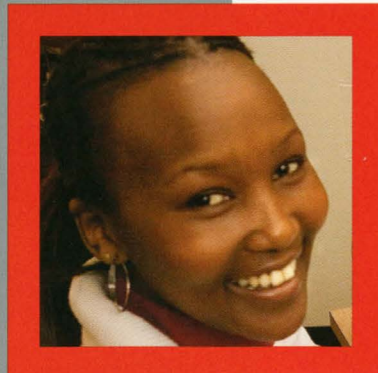
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Brock University



**Brock
University...
in the Heart
of Niagara**

Located in southern Ontario between two of North America's Great Lakes (Ontario and Erie), and having one of the mildest climates in Canada, the Niagara region is a wonderful place to be. Over 400,000 people live, work and play in Niagara, and millions more visit our tourist attractions each year. We are known around the world for our award-winning wine industry, and our outstanding natural features such as the Niagara Escarpment, the breathtaking Niagara Parkway, and of course Niagara Falls.

In the heart of Niagara is the City of St. Catharines — home to Brock University. With a population of approximately 130,000 people, St. Catharines combines the best of both worlds — a friendly, mid-size community within easy reach of major cities such as Toronto, Hamilton, Niagara Falls, and Buffalo, New York. Our community boasts countless forms of entertainment, recreational, and cultural activities, as well as a rich history centred

around the Welland Canal system. With charm and beauty, St. Catharines provides our students with all the advantages of a prosperous urban centre in a safe and inviting community.

Overlooking St. Catharines from the crest of the Niagara Escarpment, the Brock campus is a spectacular setting in which to live and learn. In recent years, Brock's campus has undergone unprecedented growth, with more than \$160 million of construction completed and commissioned. New academic buildings, several new residences, outstanding technology, and a state-of-the-art health and fitness facility are all a part of the new Brock.

At Brock, we look with pride upon our 16,000 current students, as well as more than 50,000 Brock graduates who are now applying their Brock degrees around the world. Brock has a proud history, and an exciting future where students continue to pursue an education of the highest quality.



Welcome to Brock University

Mission Statement:
"Brock University flourishes through the scholarly, creative, and professional achievements of its students, faculty and staff. Offering a range of undergraduate and graduate programs, Brock fosters teaching and research of the highest quality. As a diverse and inclusive community, we contribute positively to Canada and beyond through our imagination, innovation and commitment."



Congratulations! If you are reading this, you are already considering Brock University for your post-secondary education. As you read our Viewbook, you will gain an even better appreciation of the first-class educational experience that awaits you at Brock.

Brock University will give you the foundation you will need both scholastically and personally. Our dedicated and dynamic

faculty and staff will both challenge and encourage you to reach your full potential.

Our beautiful mid-size University, located in the heart of Niagara, successfully combines the best of a small and large campus: like a small campus, Brock provides an intimate learning environment where you are an individual and not a number; like a large campus, we have attracted outstanding faculty, recognized nationally and internationally, and as a result, we are able to offer a correspondingly diverse and exceptional curriculum, including the second-largest Co-op program in the province. It's no surprise to us that our own students gave Brock an A grade for academic satisfaction in a recent *Globe and Mail* survey.

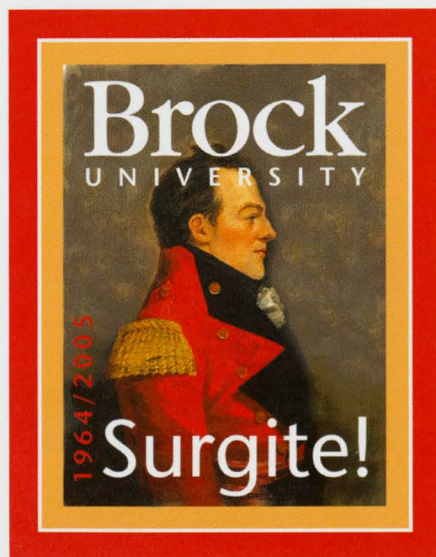
In the continuing drive to become a more comprehensive University, our high-quality undergraduate program is complemented by our ever-expanding and respected graduate program. Millions of dollars have been awarded to Brock to continue its leading-edge research in a great diversity of fields.

Of course, we never lose sight of the fact that a University is more than a place to study. We are proud to offer to our students an enriched, safe and inclusive campus life, including an endless variety of student clubs, incredible athletic opportunities, state-of-the-art athletic facilities, comfortable, modern residences and a wide range of student services.

Please visit us. We encourage you to experience the best that Brock has to offer.

Kim Meade

Kim Meade
Associate Vice-President, Student Services



Added Value of a Brock Degree

Our goal at Brock is to create a vigorous intellectual climate, in both the world of ideas and in the realm of practice. Everything we do is designed with the student in mind. Whether you plan to begin your career, or pursue further studies, Brock has established outstanding academic programs coupled with many opportunities to enrich your studies through experiential learning.

An Intimate Learning Environment

Personal interaction with faculty is a way of life at Brock. Early in our history, Brock established a very unique seminar/lab system to accompany almost every lecture. In these small groups, you will explore the lecture material and refine skills such as the ability to analyze and problem-solve, apply learning to new situations, evaluate, critique, and reason. Our distinctive learning environment allows you to develop relationships and to work side by side with your professors on major research projects even at the undergraduate level — a privilege that will put you far ahead of other graduates in your field.

Co-op at Brock

Brock has the second largest selection of Co-op offerings among universities in Ontario and each year we continue to add more options. With a consistent 100-percent placement rate, the success of our program is very evident. We strive to provide you with the best opportunities, and evaluate all of our work placements for academic relevance, and their contribution to your skill development. Through your Co-op placement you will explore different career possibilities, discover your interests, develop key industry contacts, and find the type of career and environment that is right for you.

MED Plus

While demand for health professionals is high, competition to get into health professional programs is intense. MED Plus can help. It is an intensive, extracurricular program that aims to give you experience in and exposure to health careers. Working closely with health professionals in the Niagara region, MED Plus provides you with expert support for program choices, health career resources, career counselling, interview and application skills, MCAT preparation assistance, job shadowing, leadership training, and much more.



"Choosing to enter the Co-op program at Brock is without a doubt one of the smartest decisions I've made about my education. Working in the "real world" was a huge benefit in allowing me to put into practice the theory I had learned in school. My position in the Co-op program at Brock has definitely given me an edge over my peers. I have the experience I need, and I have made many contacts to help give my career a jump-start!"

- Andrew Smith, 4th Year Computer Science Co-op
Co-op placement at Canadian Tire Financial Services

Current Co-op Programs 2005

Accounting
Applied Environmental Science and Technology
Applied Language Studies
Applied Linguistics
Teaching English as a Second Language (TESL)
Biochemistry
Biotechnology
Business Administration
Business Economics
Chemistry
Communications Studies
Business Communications
Communications Policy
Digital Culture
Media, Culture and Society
Computer Science
Computing and Business
Computer Science and Mathematics
Computing and Network Communications
Computing and Solid-State Device Technology (CAST)
Dramatic Arts
Drama in Education and Society
Dramatic Literature
Theatre
Earth Sciences
Economics
Environmental Geosciences
Film Studies
Neuroscience
Oenology and Viticulture
Physics
Political Science - Public Administration
Popular Culture
Psychology

Information on how to apply to Co-op can be found on page 51.

PROGRAMS DESIGNED JUST FOR YOU

Accounting	11	Commerce - see Business Administration	11	Economics and Business	
Applied Environmental Science and Technology	31 & 38	Communication Disorders	19	- see Business Economics 37, International Political Economy	40
- see Environment	31 & 38	- see Applied Language Studies	19	Education, Pre-service	16
Applied Language Studies	19	Communications Policy	37	Education, concurrent options	15 & 16
Applied Mathematics	33	- see Communications Studies	37	Engineering, not available	
- see Mathematics	33	Communications, Popular Culture and Film	37, 41	- see Computing and Solid-State Device Technology	30
Archaeology - see Classics	19	- see Communications Studies	37, 41	English as a Second Language, teaching - see Applied Language Studies	19
Art - see Visual Arts	25	Communications Studies	37	English Language and Literature	20
Art History - see Visual Arts	25	Community Health	7	Entrepreneurship	
Audiology	19	Computer Science	29	- see Business Administration	11
- see Applied Language Studies	19	Computing and Business	29	Environment	31 & 38
Biochemistry	27	Computer Science and Mathematics	30	Environmental Geoscience	32
Biological Sciences	27	Computing and Network Communications	30	Feminism - see Women's Studies	42
Biomedical Sciences	27	Computing and Solid-State Device Technology	30	Film Studies	38
Biotechnology	28	Concurrent Education	14	Finance	
Business Administration	11	- see Education	14	- see Business Administration	11
Business, Accounting concentration	11	Consumer Economics	37	Financial Economics	37
- see Business Administration	11	- see Business Economics	37	Fine and Performing Arts	
Business Communications	37	Co-operative Education	3	- see Dramatic Arts 20, Music 23, Studies in Arts and Culture 25, Visual Arts 25	
- see Communications Studies	37	Criminology - see Sociology 42, Policing and Criminal Justice	40	French	21
Business Computing	29	Digital Culture	37	General Studies	22, 32 & 39
- see Computing and Business	29	- see Communications Studies	37	Geography	33 & 39
Business Economics	37	Disability Studies - see Physical Education	8	Geographic Information Systems (GIS) - see Geography	33 & 39
Business and Tourism	9	Drama - see Dramatic Arts	20	Geology - see Earth Sciences	31
- see Tourism Studies	9	Drama in Education	20	German	22
Canadian Studies	19	- see Dramatic Arts	20	Government	
Centre for International Studies	23	Dramatic Arts	20	- see Business Administration 11, History 22, Political Science 41	
- see International Studies	23	Dramatic Literature	20	Graduate Studies	43
Centre for the Environment	31 & 38	- see Dramatic Arts	20	Grape and Wine Technology	
- see Environment	31 & 38	Earth Sciences	31	- see Oenology and Viticulture	34
Centre for Studies in Arts and Culture - see Studies in Arts and Culture	25	Economics	38	Great Books/Liberal Studies	22
Chemistry	28				
Child Health	7				
Child and Youth Studies	37				
Classics	19				
Classical Studies - see Classics	19				

Greek and Latin - see Classics	19	Management		Public Administration	11
Health - see Child Health 7, Community Health 7, Health Sciences 7, Medicine Preparation 8 & 34, Nursing 8		- see Business Administration	11	- see Business Administration	11
Health Sciences	7	Management, sport	9	Pure Mathematics	33
Hearing Sciences	19	- see Sport Management	9	- see Mathematics	33
History	22	Management, tourism administration	9	Recreation and Leisure Studies	9
Human Geography	33 & 39	- see Tourism Studies	9	Romance Languages - French 21, Italian 23, Spanish 24	
- see Geography	33 & 39	Marketing	11	School of Fine and Performing Arts - see Studies in Arts and Culture 25, Dramatic Arts 20, Music 23, Visual Arts 25	
Human Resource Management	11	- see Business Administration	11	Sociology	42
- see Business Administration	11	Mathematics	33	Software Engineering	29
Hydrology - see Earth Sciences	31	Mathematics Integrated with Computers and Applications (MICA) - see Mathematics	33	- see Computer Science	29
Inclusive Recreation - see Recreation and Leisure Studies	9	Media, Culture and Society	37	Spanish	24
Information Technology, software and intelligence systems	29	- see Communications Studies	37	Speech and Language Sciences	19
- see Computer Science	29	Medicine Preparation	8 & 34	Speech Pathology	19
Information Technology, hardware	30	Movement Studies	8	- see Applied Language Studies	19
- see Computing and Solid-State Device Technology	30	- see Physical Education	8	Sport Management	9
Intelligence systems	29	Music	23	Statistics - see Mathematics	33
- see Computer Science	29	Neuroscience	34	Studies in Arts and Culture	25
International Business and Trade	11	Nursing	8	Teaching - see Education	14
- see Business Administration	11	Oenology and Viticulture	34	Teaching English as a Second Language - see Applied Language Studies	19
International Political Economy	40	Outdoor Recreation - see Recreation and Leisure Studies	9	Technology and Computers	29
International Studies	23	Painting - see Visual Arts	25	- see Computer Science	29
Italian	23	Paleontology - see Earth Sciences	31	Technology and Teaching	16
Kinesiology	7	Philosophy	24	- see Education/Technological Education	16
Labour Studies	40	Physical Education	8	Theatre - see Dramatic Arts	20
Labour Studies and Politics	41	Physical Geography	33 & 39	Therapeutic Recreation	9
- see Political Science	41	- see Geography	33 & 39	- see Recreation and Leisure Studies	9
Languages - see French 21, German 22, Italian 23, Spanish 24, Greek and Latin - see Classics 19		Physics	35	Tourism Studies	9
Law - see Political Science (Public Law concentration)	41	Planning and Development, tourism - see Tourism Studies	9	Visual Arts	25
Liberal Studies	22	Policing and Criminal Justice	40	Waste Management	31
- see Great Books/Liberal Studies	22	Political Science	41	- see Environment 31 & 38, Earth Sciences 31	
Linguistics	19	Pollution Control	31 & 38	Water Management	31
- see Applied Language Studies	19	- see Environment	31 & 38	- see Earth Sciences	31
		Popular Culture	41	Weather Sciences	31
		Professional Ethics - see Philosophy	24	- see Earth Sciences	31
		Professional Writing - see English Language and Literature	20	Women's Studies	42
		Psychology	41		

Programs at Brock are divided among six different Faculties. Each program is colour-coded according to the Faculty to which it belongs. ● Applied Health Sciences ● Business ● Education ● Humanities ● Mathematics and Science ● Social Sciences

APPLIED HEALTH SCIENCES

“What I appreciated most about my program was the access to practical learning opportunities; when I graduated I had the confidence and experience to pursue a career in physiotherapy.”

Leanne Hooper-Allen,
Honours Bachelor of Physical Education, Physiotherapist



The Faculty of Applied Health Sciences is Brock’s fastest growing Faculty, offering a range of innovative programs to prepare students for a variety of careers in existing and emerging fields. Bastiaan Bunnik was drawn to Brock all the way from the Netherlands, due to the strong reputation of the Sport Management program. An avid sports enthusiast, Bastiaan has participated on the varsity squash team, worked in Brock’s athletic equipment room, and most recently completed an internship with the Toronto Raptors.

CHILD HEALTH

- 4 yr BA Honours
- MA

This limited enrolment program is perfect if you have a strong interest in careers that are concerned with the health and wellness of children and adolescents. The program draws on the strengths of the Department of Child and Youth Studies and the Department of Community Health Sciences. Internships allow you to gain practical experience in health-related professions that are primarily concerned with children.

Career Opportunities

- early childhood educator
- school teacher
- pediatrician
- pediatric occupational therapist
- social worker

COMMUNITY HEALTH

- 3 yr BA
- 4 yr BA Honours
- MA

What new epidemics and threats to health will the world have to deal with next? The BA and BA Honours in Community Health provide insight into emerging public health issues and will develop the skills in epidemiology, health promotion, and program evaluation that you will need to meet these challenges. If you are interested in learning the science and art of promoting health, preventing disease, and protecting and improving the health of a community, then the BA or BA Honours in Community Health is a good choice. These degrees provide insight into important public health issues that affect both local and international communities every day.

You will develop the knowledge and skills in health promotion and program evaluation that will allow you to apply, implement, and use innovative approaches to meet health challenges on a personal, community, population, and global level. Courses in epidemiology, nutrition, sexuality, gender, infectious diseases, and aging are viewed from a public health perspective. There are many opportunities for self-directed study — internship possibilities with community partners and international study placements!

With post-graduate study our graduates have gone on to become physicians, health promoters, nurses, pharmaceutical industry representatives, research coordinators, occupational therapists and physiotherapists, and workplace health consultants.

If you plan to pursue a career in a specific health profession, you may wish to team up this degree with our one-of-a-kind MED Plus program. See pages 3 and 48 for more details about MED Plus.

Career Opportunities

- health promotion specialist
- health educator/teacher
- developmental therapist
- liaison/policy officer
- wellness consultant
- epidemiologist

HEALTH SCIENCES

- 4 yr BSc Honours
- MSc

Are you interested in a career in medicine or health? This program has been developed for students who want to continue their studies in medicine, physiotherapy, and other health professions. The course components have been designed to meet the entrance requirements of all major North

American medical schools. Brock’s BSc Health Sciences degree is well recognized by Ontario medical schools. Brock’s program focuses on the biophysical foundation of health, with courses in anatomy, physiology, chemistry and biology. The program is unique as it offers advanced courses such as clinical epidemiology, pharmacology and pathology at the undergraduate level.

If you plan to pursue a career in a health profession, you may wish to team up this degree with our one-of-a-kind MED Plus program. See pages 3 and 48 for more details about MED Plus.

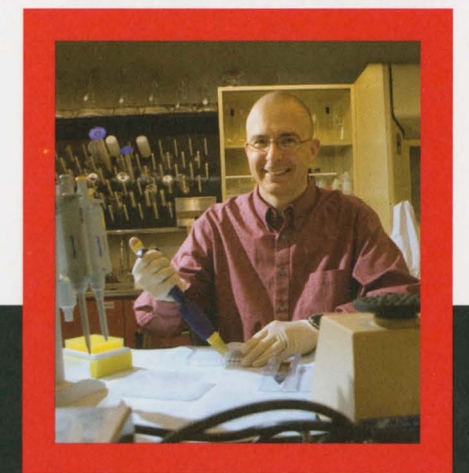
Career Opportunities

- physician
- physiotherapist or chiropractor
- public health educator
- allied health professions

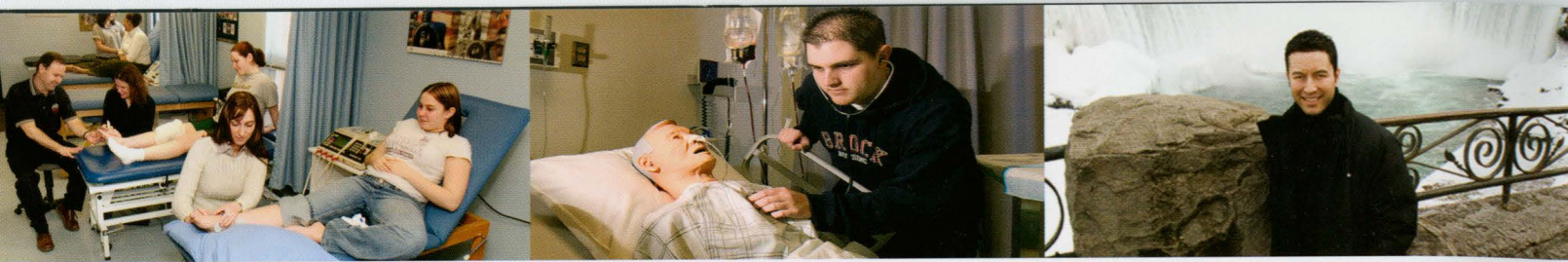
KINESIOLOGY

- 4 yr BKin
- 4 yr BKin Honours
- 4 yr BSc
- 4 yr BSc Honours
- MSc

Kinesiology is a scientific discipline that studies human movement and physical activity, and their influences on overall health and wellness. Students may choose from two options within the Kinesiology program, a Bachelor of Kinesiology (BKin), or a Bachelor of Science in Kinesiology BSc(Kin). The BKin degree emphasizes the biophysical



Dr. Brian Roy’s current research is focused on the impact of alterations in muscle cell volume on the regulation of muscle metabolism. For his innovative work, Dr. Roy has received two grants totalling more than \$270,000 from the Sciences and Engineering Research Council and the Canada Foundation for Innovation and Ontario Innovation Trust.



sciences and provides a social/cultural perspective with regard to physical activity. The BSc(Kin) degree offers you an even stronger science focus, and will develop a highly competent scientific background with an emphasis on research skills and the application of theoretical knowledge in laboratory settings.

Brock is one of only five universities in Canada to meet national accreditation standards for both our Kinesiology and Physical Education programs.

Career Opportunities

- rehabilitation
- coaching
- sport psychology
- exercise prescription and programming
- fitness and athletic performance assessment
- exercise science research

MEDICINE PREPARATION

Are you interested in practicing medicine? While Brock does not have a Faculty of Medicine, we're a great choice for your pre-medicine course work. Our tutorial-based seminar system excels in developing your critical-thinking skills and is superb preparation for the problem-based learning model of medicine curriculum that is used by many medical schools throughout North America. We recommend partnering our MED Plus program with a degree in Health Sciences, Community Health, Kinesiology, Biological Sciences, Biomedical Sciences or Neuroscience. For more information on MED Plus, see pages 3 and 48.

NURSING

- 4 yr BScN
- 4 yr collaborative BScN with Loyalist College
- 16-month BScN degree completion

The Department of Nursing offers an Honours Bachelor of Science in Nursing degree. The first two years of the four-year BScN degree may be completed collaboratively at the Loyalist College campus in Belleville, Ontario or at the Brock University campus in St. Catharines. Upon successful completion of the first two years, you will continue the final two years of the program at Brock's campus. You will acquire the knowledge, skills, and attitudes to prepare you for professional nursing practice within the context of a changing health-care system. As a Brock graduate with a Bachelor of Science in Nursing, you will be eligible to write the Canadian Registered Nurse Examination.

Degree Completion option: If you have completed a diploma in Nursing and wish to pursue your Bachelor of Science in Nursing degree, you may want to consider our 16-month BScN degree completion option. Courses in nursing theory, research, ethics, leadership, and management are combined with basic health science courses and electives.

Career Opportunities

- public health nurse
- hospital care
- research
- policy development
- administration

PHYSICAL EDUCATION

- 4 yr BPhEd with a Major
- 4 yr BPhEd Honours
- Concentrations: Disability Studies, Movement Studies, General Physical Education

- 5 yr Concurrent BPhEd (Honours)/BEEd (Grades K to 6)
- 5 yr Concurrent BA Integrated Studies (Honours)/BEEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BPhEd (Honours)/BEEd (Grades 7 to 12)
- MA
- MSc

If you are interested in human movement, performance and inclusive involvement in physical activity, then Brock's Physical Education program is the place to be. We offer three concentrations, each with an array of practical experience through field placements and practicums.

In *Disability Studies*, you will focus on the therapeutic and holistic benefits of physical activity, and learn how to apply movement analyses and programming for persons living with disabilities and chronic conditions.

In *Movement Studies*, you will study a combination of theory and practical courses to apply movement knowledge in educational contexts such as teaching, coaching, and administration.

In *General Physical Education*, you will gain a broad understanding of the discipline, with maximum flexibility in your course selections.

Brock is one of only five universities in Canada to meet national accreditation standards for both our Kinesiology and Physical Education programs.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- therapeutic and rehabilitative programmer
- physical education teacher
- athletic therapist
- sport psychologist
- fitness consultant/coach

RECREATION AND LEISURE STUDIES

- 3 yr BRLS (General program only)
- 4 yr BRLS with a Major
- 4 yr BRLS Honours
- Concentrations: General Recreation, Outdoor Recreation, Inclusive and Therapeutic Recreation
- MA

Recreation professionals must be well educated to deliver the significant health, social, economic and environmental benefits that leisure services generate for our society.

As a Recreation and Leisure Studies student, you may choose one of the following areas for your Honours or Major degree:

The *General Recreation* program allows students the maximum flexibility to develop their own program to meet specific needs in the workplace, or to combine several interests rather than focusing on one.

The *Concentration in Outdoor Recreation* gives you a broad overview of ecotourism, adventure, parks management, leadership, and wilderness pursuits. Brock's location on the Bruce Trail affords you a unique heritage environment for study. This program prepares you to respond to North America's growing demand for more varied outdoor recreation programs.

In the *Concentration in Inclusive and Therapeutic Recreation*, your focus is on the goal of ensuring that all individuals, regardless of ability, have access to meaningful leisure in their lives. You will gain hands-on experience in providing services to marginalized individuals (recent immigrants, people who experience poverty, people with disabilities and illnesses, and older adults) using leisure to improve

functional abilities and quality of life.

You will have the opportunity to gain experience through fieldwork placements in Years 3 or 4 and may also earn credits in teachable subjects to help qualify for admission to a Faculty of Education.

Career Opportunities

- sport/health promotion and active living consultant
- conference and event manager/marketer
- municipal, corrections, non-profit or private-sector program supervisor
- recreation therapist
- hospital/long-term care therapeutic professional
- tourist resort entertainment director
- community developer/play space planner

SPORT MANAGEMENT

- 3 yr BSM
- 4 yr BSM Honours
- MA

With a BSM degree, you will be prepared to meet the needs of the rapidly expanding sport industry. This is one of Brock's fastest growing programs. It is also one of the few Sport Management degree programs offered in Canada. You will gain significant hands-on experience through practical fieldwork and experiential learning in sport and related industries during all years of your degree program.

Career Opportunities

- sport marketing manager
- coordinator of athlete services
- special events coordinator
- director, facility operations
- sport program manager

TOURISM STUDIES

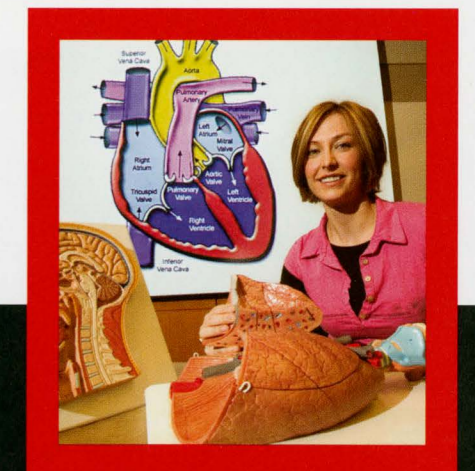
- 4 yr BTS with a Major
- 4 yr BTS Honours
- Minor in Tourism Studies
- MA

Be part of one of the fastest growing industries in the world — travel and tourism. Our Niagara location puts you in one of the world's most visited international tourism sites. You can choose from two specialization streams: *Tourism Administration* or *Tourism Planning and Development*. You will gain expertise in the international tourism industry, designing and planning environmentally friendly tourist resorts, ecotourism, motivation of travellers, and factors affecting tourist behaviour. Also, you'll learn about the protection and management of heritage and historic sites, wine tourism in rural areas, managing visitor attractions, and the promotion and marketing of tourism products.

A **Minor in Tourism Studies** is available if you wish to gain an overview of tourism studies while pursuing a degree in another subject area.

Career Opportunities

- government/parks and tourism planner
- economic development agency coordinator
- airline and transportation industry employee
- hotel/resort manager
- travel agent/agency owner



Karen Arnelien is a third-year Health Sciences major from Calgary, Alberta who chose Brock because of the unique opportunity to take part in the MED Plus program. After she completes her Honours BSc degree, Karen plans on applying to medical school.

BUSINESS

"I loved the people and culture at Brock. As an incoming student, I was very impressed by Brock's strong reputation in business, and I have continued to be impressed as I see Brock grow and advance in all fields."

Walter Andri, Honours Bachelor of Business Administration
Director of Sales, Philips Electronics Ltd.



Brock's Faculty of Business combines a rigorous academic curriculum with a professional orientation to prepare students for today's business environment. Alicja Konefal and Jocelyn Chedore, both majors in Business Administration, are members of ACE Brock, an organization dedicated to providing students with a practical understanding of the business world. This year, Jocelyn and Alicja travelled to Shanghai University in China where they initiated STAMP (Students Trading and Marketing Products), a project that will explore international trade and marketing.

www.brocku.ca

ACCOUNTING

- 4 yr BAcc Honours **CO-OP**
- 4 1/2 yr BAcc Honours Co-op
- BAcc as a Second Degree
- 1-2 yr Bachelor of General and Applied Studies
- MAcc

Expanded technology, increased regulation, and client demands for more information make accounting a growing field. If you want a career as a professional accountant, our program is designed specifically for you, with rigorous academic courses integrated with a professional orientation. Our program meets all the requirements for certification by both the Institute of Chartered Accountants of Ontario and the Society of Management Accountants. Our degree has a national reputation for excellence. Brock graduates consistently score highly on the national accounting examinations and enjoy a wide variety of employment opportunities.

The **Co-op Accounting** option, the second largest in Ontario, is very popular with employers. To be considered for the program, you need a minimum 80-per-cent average. Almost 100 per cent of our Co-op students are employed immediately upon graduation.

As a Co-op student, be prepared for a compressed study and work schedule using your spring and summer terms so that you can complete your Brock Co-op degree in just four and a half years. You will complete three academic terms and then alternate Co-op work placements with your remaining course work. Your Co-op work terms (up to 20 months) are credited towards the 30-month practical experience requirement to become a CA in Ontario. To enter the regular or Co-op options, you should apply directly from high school.

For more information about Co-op at Brock, please see page 3.

The **BAcc as a Second Degree** is designed for high-quality, motivated students who already have a degree in a non-business area, and want to expand their career potential with accounting expertise. If you have an overall 70-per-cent average in your first degree, you can receive up to 10 credits towards our BAcc and complete the degree in a minimum of two years.

The **Bachelor of General and Applied Studies** provides a degree completion program for students graduating from Seneca College in Accounting and Finance.

Career Opportunities

- chartered accountant (CA)
- certified management accountant (CMA)
- certified general accountant (CGA)
- corporate financial officer

Brock Facts 2004-2005

Full-time students	13,090
Part-time students	3,507
Total students	16,597
Total graduates	52,024
Degrees awarded	58,373
Full-time faculty	516
Permanent staff	725
Residence accommodations (beds)	2,409
Library holdings	1,479,234

Dr. Hemantha Herath brings a wealth of experience to Brock's Accounting program, including his work as a consultant for the Oil, Gas and Infrastructure Division of the World Bank. His current research, made possible by a grant from the Social Sciences and Humanities Research Council (SSHRC), investigates the design of compensation systems to reward managerial risk-taking behaviour.

BUSINESS ADMINISTRATION

- 4 yr BBA **CO-OP**
- 4 yr BBA Honours
- 4 1/2 yr BBA Honours Co-op
- Minor in Business
- Concentrations: Accounting, Entrepreneurship, Finance, General Management, Human Resource Management, International Business, Marketing, Public Administration
- MBA

We recognize the growing demand for professional managers with a business education. Brock's BBA program combines professionally oriented business courses with studies in social sciences, humanities, mathematics and science. Our graduates enjoy a wide variety of employment opportunities in industry, commerce and government, and many have gone on to graduate studies in law, business and public administration.

To be considered for the **Co-op Business Administration** option, you need a minimum 80-per-cent average. In your first two years, you will study the functional areas of business, along with the Canadian and global business environment. In the final two and a half years of your program, you will work full time in paid Co-op jobs for valuable practical experience, with alternating terms back on campus to finish your courses. You must maintain a 70-per-cent average each year to continue in the





Co-op program. You may also apply for a limited number of Co-op spots upon completion of the first year of your studies. For more information about Co-op at Brock, please see page 3.

As either a regular BBA student or a Co-op student, you can choose one of the following concentrations:

The *Accounting BBA* gives you a broad range of business courses and other electives, as well as courses in financial reporting, cost management, systems, auditing and taxation.

The *Entrepreneurship BBA* gives you an excellent background for new venture creation, operating a small business or managing a family business.

The *Finance BBA* option prepares you for superb job opportunities in treasury management, banking, portfolio management, investment banking, investment advising, financial planning and financial analysis.

The *General Management BBA* lets you study a broad spectrum of courses across the various business disciplines.

The *Human Resource Management BBA* teaches you how to manage employee and labour relations. Most of our HRM courses are eligible towards the Certified Human Resource Professional designation in Ontario.

The *International Business BBA* enhances your career in our global economy with international operations management knowledge in finance, human resources and marketing.

The *Marketing BBA* develops your skills in market research, advertising, consumer behaviour, industrial and retail marketing, marketing financial services and international marketing.

The *Public Administration BBA* prepares you for working in public institutions, managing people in the public sector and government and

business operations. Federal, provincial and municipal governments are among the largest employers in Canada.

You apply to the regular and Co-op options directly from high school.

A **Minor in Business** is available if you wish to obtain an overview of business while pursuing your degree in another Faculty.

Career Opportunities

- banker
- human resource manager
- business owner
- public service manager
- stockbroker
- financial policy and planning adviser



Brock's Faculty of Business is among the world's best

The Faculty of Business at Brock joins a small group of exceptional business schools around the world with international accreditation conferred by the Association to Advance Collegiate Schools of Business (AACSB), the oldest and most respected accrediting body for business schools. With this accreditation, Brock is recognized as offering business programs that are among the best worldwide, and one of 14 AACSB-accredited business schools in Canada. The Association boasts such top-ranked schools as Harvard, Yale, the London Business School (UK), University of Toronto and Queen's University.



How to Find Us

If you are coming from a location in Ontario:

Take the Niagara-bound QEW (Queen Elizabeth Way) to the Highway 406 cut-off (the sign reads 406 Thorold, Welland, Pt. Colborne). Exit the 406 at St. David's Road West. At the third intersection, you will be on campus.

If you are coming from the United States:

Directions from Buffalo, N.Y.: Take the Peace Bridge border crossing. Once you reach the Canadian side, you will be on the Queen Elizabeth Way (QEW). Follow the QEW (Toronto-bound) to Thorold Stone Road West, exit (changes to Highway 58 just after the Thorold Tunnel). Exit at St. David's Road West and turn left at the lights. You will proceed right onto the campus.

Directions from Niagara Falls, N.Y.:

If you are crossing at the Rainbow Bridge in Niagara Falls, N.Y., once on the Canadian side, take the 420 West, and proceed to the QEW Toronto-bound cut-off. Exit at Thorold Stone Road West. Proceed on Thorold Stone Road West (changes to Highway 58 just after the Thorold Tunnel) and exit at St. David's Road West. Turn left at the lights and you will proceed right onto campus.

Once you arrive on campus

Park in lot D. Walk to the Schmon Tower — it's the tallest building on campus; you won't be able to miss it! The friendly staff at the Information Desk will direct you to Recruitment and Liaison Services.

"This tour made my decision to attend Brock easier than I ever thought it would be."

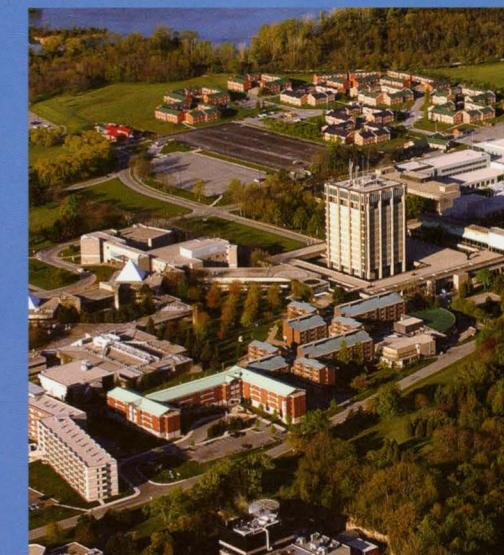
- Simon Crew
Kingston, Ontario

Campus Tours... Up Close and Personal

See your future on a Brock Campus Tour! Tours run Monday to Friday, at 10 a.m. and 2 p.m., as well as select Saturday dates at 12 noon. Reservations are appreciated.

To reserve a tour contact us at: www.brocku.ca/prospective
E-mail us at: liaison@brocku.ca
or call Recruitment and Liaison Services at: 905-688-5550, ext. 4293

Brock University
500 Glenridge Avenue
St. Catharines, Ontario



EDUCATION

“My experiences at Brock were extremely helpful in facilitating a smooth transition into my career as a teacher. Brock’s unique counselling groups proved to be an invaluable resource as I encountered new schools and teaching situations.”

Kathryn Pyper, Bachelor of Arts in Child and Youth Studies/Bachelor of Education
Grade 1 Teacher



The Faculty of Education at Brock is one of the largest in Ontario, boasting an outstanding reputation for teacher education. Our programs provide a unique approach, integrating professional practice fieldwork with classroom learning. Sherri-Leigh Vervaeke juggles the rigors of the Concurrent BA Child and Youth Studies/BEEd program with a busy varsity athletic schedule. She has received several awards for her athletic achievements including being selected as one of 18 “Women of Influence” by Ontario University Athletics in 2004.

PRIMARY/JUNIOR CONCURRENT EDUCATION (Grades K-6)

- 4 yr BA CHYS (Pass)/BEEd (second-year entry)
- 5 yr BPhEd (Honours)/BEEd (second-year entry)

BA CHYS (Pass)/BEEd:

You will study four years in total to complete a three-year BA with a single major in Child and Youth Studies and a BEEd at the same time. Our concurrent degree is unique in integrating the academic and teacher-education courses throughout the program. Enrolment is limited in this very popular program. All students complete the common first year in Child and Youth Studies and then apply on a competitive basis for admission to the concurrent program at the end of the first year.

BPhEd (Honours)/BEEd:

All students complete the common first year in Physical Education and then apply on a competitive basis for admission to the concurrent program at the end of the first year. You will study a total of five years to complete a four-year BPhEd Honours degree and a BEEd at the same time. You will learn foundational knowledge in psychosocial and physical development, practically applied in personal movement, teacher-education and school settings.

Successful graduates of a teacher-education program are normally recommended to the Ontario College of Teachers for membership and to receive their Ontario Certificate of Qualification (OCQ).

JUNIOR/ INTERMEDIATE CONCURRENT EDUCATION (Grades 4-10, emphasizing elementary school)

- 5 yr BA Integrated Studies (Honours)/BEEd
- 5 yr BSc Integrated Studies (Honours)/BEEd

BA Integrated Studies (Honours)/BEEd

Study for five years in total to complete an Honours BA in Integrated Studies and a BEEd at the same time.

You can choose teachables in Dramatic Arts, English, French (second language), Geography, History, Music (vocal), Physical Education, or Visual Arts. You apply to this program directly from high school.

Successful graduates of a teacher-education program are normally recommended to the Ontario College of Teachers for membership and to receive their Ontario Certificate of Qualification (OCQ).

BSc Integrated Studies (Honours)/BEEd:

Study for five years in total to complete an Honours BSc in Integrated Studies and a BEEd at the same time.

You may choose teachables in Geography, Mathematics, or Science-General.

You will also study courses in child and youth development, and humanities. You will have opportunities to teach at Brock Science Camps (designed for Grades 6, 7 and 8 students, during May and June each

year), tutor youngsters, work with the Niagara Science Fair and much more. You apply to this program directly from high school.

Successful graduates of a teacher-education program are normally recommended to the Ontario College of Teachers for membership and to receive their Ontario Certificate of Qualification (OCQ).

INTERMEDIATE/ SENIOR CONCURRENT EDUCATION (Grades 7-12)

- 5 yr BA (Honours)/BEEd
- 5 yr BPhEd (Honours)/BEEd
- 5 yr BSc (Honours)/BEEd

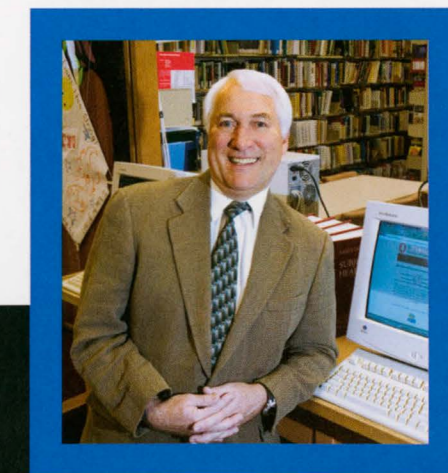
BA (Honours)/BEEd:

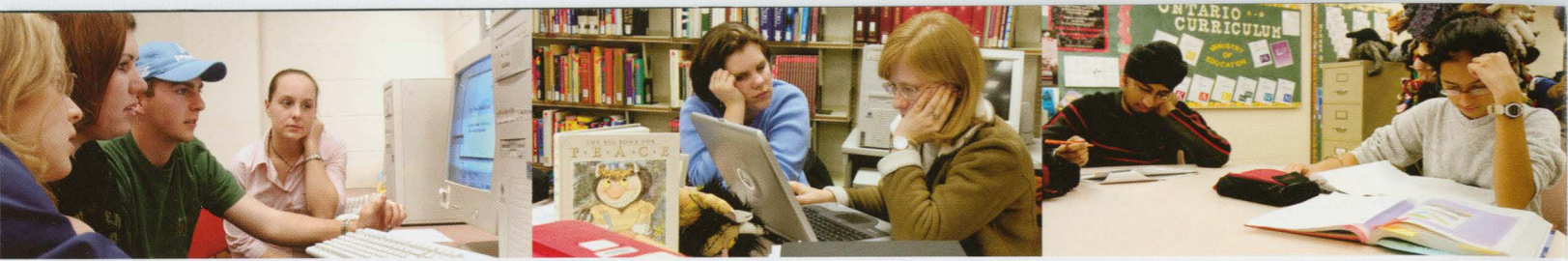
In five years, complete your required Arts major teachable as well as a BEEd. Major in Dramatic Arts, English, French, Geography, History, or Visual Arts, and combine it with a second teachable subject of interest. You apply to this program directly from high school.

BPhEd (Honours)/BEEd:

If you wish to teach Physical Education at the Intermediate-Senior level, this is the program for you! In five years, complete all of your required courses to receive a Bachelor of Physical Education as well as a Bachelor of Education. Combine your major

Dr. Jim Kerr is an Associate Professor of Education and a past Chair for the Pre-Service department. Dr. Kerr’s research interests include the effective uses of information technology for instructors, models for information technology mentorship and strategies for classroom management. Dr. Jim Kerr was recently awarded the Faculty Award for Excellence in Teaching.





teachable with a second teachable subject of interest. You apply to this program directly from high school.

BSc (Honours)/BEEd:

In five years, complete a required Science major teachable as well as a BEd. You can major in Biological Sciences, Chemistry, Computer Science, Geography, Mathematics, or Physics. Combine your major teachable with a second teachable of interest. You apply to this program directly from high school.

Successful graduates of a teacher-education program are normally recommended to the Ontario College of Teachers for membership and to receive their Ontario Certificate of Qualification (OCQ).

BEEd PRE-SERVICE
(for students with a university degree)

- 1 yr BEd Primary/Junior (Grades K-6)
- 1 yr BEd Junior/Intermediate (Grades 4-10, emphasizing elementary school)
- 1 yr BEd Intermediate/Senior (Grades 7-12)
- 1 yr BEd Intermediate/Senior (Grades 7-12)/Certificate in Enterprise Education
- 1 yr BEd in Technological Studies
- 1 yr BEd in Design and Technology
- 1 yr BEd in Adult Education
- MEd
- PhD
- Certificate in Adult Education

The BEd Pre-Service program is a consecutive degree program for students who already have a university degree. The program leads to a BEd and an Ontario Certificate of Qualification (OCQ). Full-time studies start in September and finish the following May. Our unique program features professional practice fieldwork supervised by counsellors working with

groups of students in internship centres located in schools throughout the Niagara Peninsula and the regions of Hamilton-Wentworth, Peel, Haldimand and Halton. You can take our Pre-Service degrees at either our St. Catharines or Hamilton campus. We also offer special programs in Technology Education and in Enterprise Education.

BEd/Enterprise Education:

If you already have a degree and want to teach secondary school as well as entrepreneurship skills, the Enterprise Education BEd may interest you. This unique program runs from September to July with an extended 28-week practicum. Upon successful completion, you receive a BEd, a Professional Certificate in Enterprise Education, and our recommendation for OCQ certification.

Technology Education:

If you have the appropriate degree, college diploma or work-related experience, one of our technological studies programs may interest you:

The **BEd in Technology Studies** prepares you to teach two subjects from communications, construction, manufacturing, technological design, transportation, hospitality services and personal services.

The **BEd in Design and Technology** prepares you to teach design and technology plus a second academic subject.

BEd in Adult Education or Certificate in Adult Education:

These programs, designed for those working or aspiring to work with adult learners in a variety of adult teaching and learning settings, give the candidates the opportunity to enhance their abilities to deliver educational services consistent with the demands of adult

student learners. Unlike all of our other BEd programs, these two programs do not lead to an OCQ.

Continuing Professional Development Courses:

The Faculty offers an extensive array of professional development experiences (credit and non-credit) for teachers and administrators at our St. Catharines and Hamilton campuses, as well as selected offerings in Mississauga and Seneca College in Toronto.

Career Opportunities

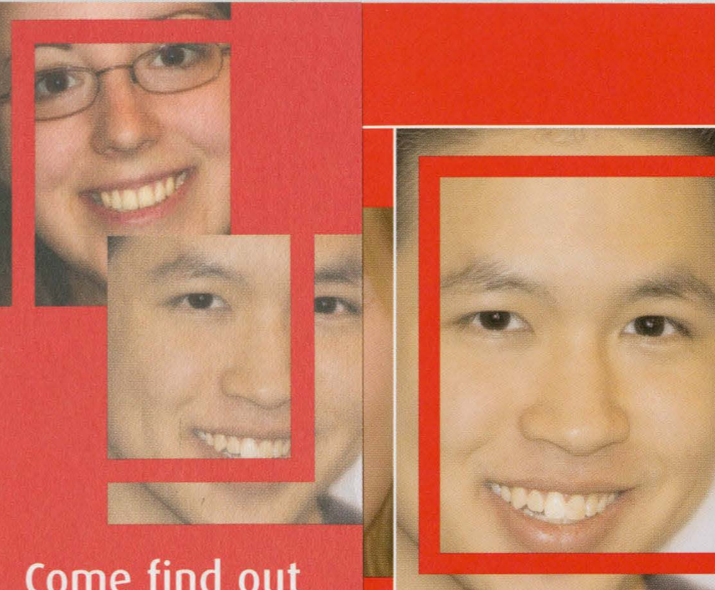
- public or separate school board teacher, Ontario
- private school teacher, national and international
- corporate trainer
- child and youth care worker

ABORIGINAL ADULT EDUCATION AND NATIVE TEACHER EDUCATION

- 3 yr BEd in Aboriginal Adult Education
- Certificate in Aboriginal Adult Education
- 3 yr BEd in Aboriginal Adult Education/ BEd Primary/Junior (Grades K-6)
- Primary/Junior Certificate Program

The Tecumseh Centre for Aboriginal Research and Education offers several degree and certificate programs for those interested in working in a native teaching environment. The programs incorporate Aboriginal learning preferences and cultural diversity. The community-based curriculum model relies on qualified local Aboriginal educators to facilitate the learner's educational journey. Courses are offered in a facilitated learning cohort model, fact-to-face at locations across the province.

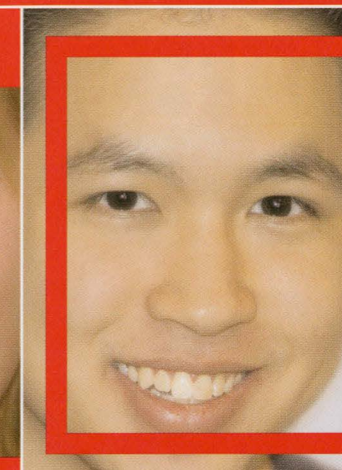
Detach Bookmark Here



Come find out for yourself what makes Brock University so special

Fall Preview Day:
Sunday
October 16, 2005
1 p.m. - 4 p.m.

Open House:
Sunday
March 5, 2006
12 noon - 4 p.m.



The Brock Experience Face to Face

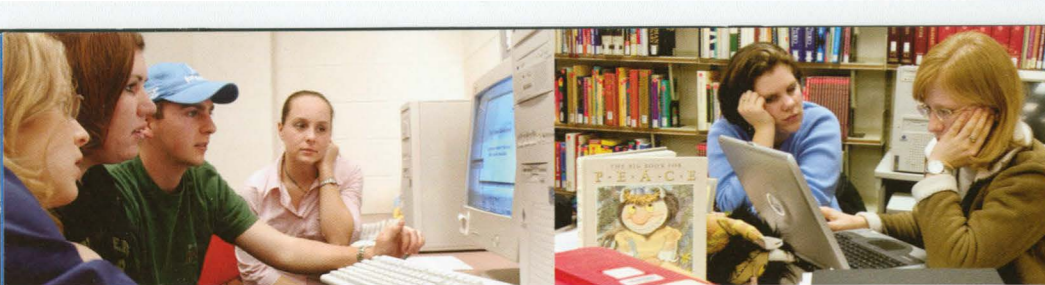
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- Take campus and residence tours
- Attend information sessions on some of Brock's most popular academic programs and services

To register, please visit
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905-688-5550, ext. 4293
E-mail: liaison@brocku.ca

Brock University
500 Glenridge Avenue
St. Catharines, ON
L2S 3A1



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Visit
www.brocku.ca to:

• Discover why more students than ever are making Brock their first choice

• Book a campus tour

• Request an information package tailored to suit your needs

interested in working in a native teaching environment. The programs incorporate Aboriginal learning preferences and cultural diversity. The community-based curriculum model relies on qualified local Aboriginal educators to facilitate the learner's educational journey. Courses are offered in a facilitated learning cohort model, fact-to-face at locations across the province.



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Brock University
500 Glenridge Avenue
St. Catharines, ON
L2S 3A1

HUMANITIES

“The quality of education, the genuine concern of the professors and the overall experience at Brock played a vital role in the success of our creative communications firm.”

Hillary Caters, BA French
Jeff Hardy, BA Communications Studies
Caters Hardy Design Studios



The Faculty of Humanities offers a range of programs designed to provide a well-rounded perspective of the critical and cultural aspects of each students' chosen field. Nicolina Lanni and Julia Course, both majors in Dramatic Arts, have been creative partners on several projects, including main-stage productions and original works of theatre. Recently inspired by their work with individuals with developmental delays, they have written two plays designed to use drama as a tool to educate people with disabilities about their human rights.

APPLIED LANGUAGE STUDIES

CO-OP

- 3 yr BA
- 4 yr BA with a Major
- 4 yr BA Honours
- 4 yr BA Honours Co-op
- Minor in Linguistics
- MA in Applied Linguistics (TESL)
- Certificates:
 - Communication Disorders Assistants
 - Hearing Sciences
 - Speech and Language Sciences
 - TESL

Are you interested in how children acquire language, how the skills of second-language speakers develop, how various language disorders can be diagnosed and treated, or how the social or cultural environment interacts with language? Our graduates apply their knowledge in careers around the globe. You will gain a strong foundation in linguistics, plus, according to the stream you choose, hands-on fieldwork, clinical observation, teaching practice, and practical workshops to supplement your academic courses.

We offer you a choice of three majors: *Applied Linguistics*, for general linguistic analysis education; *Speech and Language Sciences* and *Hearing Sciences*, for careers in communication disorders, speech pathology and audiology; and TESL, for training in Teaching English as a Second Language, leading to TESL Ontario certification as an Adult ESL Instructor (see www.teslontario.org). Courses in American Sign Language are also offered.

Students may apply to a **Co-op** option beginning in the second year of the Applied Linguistics or TESL streams. The Co-op option will include two volunteer work placements in a

language-rich environment. For more information about Co-op at Brock, please see page 3.

A **Minor in Linguistics** is available if you wish to obtain an overview of Linguistics while pursuing your degree in another subject area.

Career Opportunities

- linguist, translator
- speech-language pathologist
- audiologist
- clinical researcher
- ESL educator

CANADIAN STUDIES

- 3 yr BA, Combined Major only
- 4 yr BA Honours, Combined Major only
- Minor in Canadian Studies

Are you fascinated by looking at “Canada” as both a nation and a concept? As a Canadian Studies combined major, you will enjoy multiple perspectives — historical, geographic, economic, political, literary, and artistic. You can pursue Canadian Studies in combination with any other combined major offered at Brock, including areas as diverse as tourism, history, film, English and geography. In addition to regular classes, you will benefit from sponsored guest speakers, book launches and symposia. You will enjoy helping to run the annual interdisciplinary conference, called “Two Days of Canada.”

If your major is in another department, but you have an interest in Canadian Studies, you can choose Canadian Studies courses as your electives and work towards a **Minor in Canadian Studies**.

Career Opportunities

- teacher
- communications manager
- public relations coordinator
- foreign service officer
- tourism program developer

CLASSICS

- 3 yr BA
- 4 yr BA Honours
- Minor in Classics
- MA

Classics presents an integrated study of the worlds of ancient Greece and Rome through their literature, history and monuments. The study of ancient languages and archaeology, allow students to engage with the ancient world first-hand.

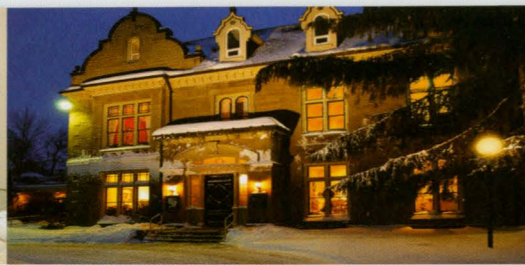
Classics students have many opportunities to travel the globe. In addition to summer archaeological field projects in the Mediterranean, the department has introduced a “Study Tour” in Mediterranean lands, focusing on arts and culture. “Study Tours” alternate each year with the archeological practicum. One thing to keep in mind — if you are interested in pursuing classics or archaeology at the graduate level, you will need to develop a proficiency in Greek and Latin.

You can choose to specialize in one of the following areas:

Ancient Art and Archaeology studies the archaeology and art history of



Dr. Sandra Beckett, a Professor within the Department of Modern Languages, Literatures and Cultures, was recently elected a Fellow of the Royal Society of Canada in recognition of her outstanding scholarly and academic achievement. She now joins some 1,800 academics across the country who have been recognized for their outstanding achievements in arts and science.



ancient Mediterranean and Near East cultures (BA Honours only).

Classical Studies looks at Greek and Roman history, along with religion, culture, and literature-in-translation.

Classical Languages emphasizes proficiency in Greek and Latin and focuses on Greek and Roman literature.

If your major is in another department, but you have an interest in Classics, you can choose Classics courses as your electives and work towards a **Minor in Classics**.

Career Opportunities

- archaeologist
- museum curator
- intermediate and secondary school teacher
- journalist
- tourism business owner
- librarian

DRAMATIC ARTS

CO-OP

- 3 yr BA
- 4 yr BA with a Major
- 4 yr BA Honours
- 4 yr BA Honours Co-op
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BA (Honours)/BEd (Grades 7-12)
- Concentration in Drama in Education and Society
- Certificate in Drama in Education and Society
- Minor in Dramatic Arts

Brock's outstanding Department of Dramatic Arts is affiliated with our School of Fine and Performing Arts. Facilities include the Brock University Centre for the Arts Sean O'Sullivan Theatre, the Studio experimental stage,

the Drama in Education studio, large rehearsal spaces, and scenery, property, and costume workrooms. Work with the very best in dramatic arts, including our resident theatre group, Theatre Beyond Words, and tailor a program that is just right for you.

Drama in Education and Society combines courses in Drama in Education studies with theatre courses in performance and playwriting. This option is based on groundbreaking ideas about how drama — activities such as thinking, feeling, creating and evaluating — can be used in the classroom to enhance the learning process. These ideas and skills have many other applications as well.

Dramatic Literature offers an interlocking series of courses to help you develop a critical awareness of drama both as text and as performance in its conventions, traditions and stage history.

Theatre at Brock offers students an opportunity to work with text as well as experimental forms of theatre. You will be exposed to a variety of acting opportunities as well as extensive production and technical experiences. Practical work opportunities range from teaching at children's theatre camps on campus, to formal Co-op placements.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

You might also choose to select courses from the other programs found in the School of Fine and Performing Arts. They are Music (page 23), Studies in Arts and Culture (page 25) and Visual Arts (page 25).

Concurrent education is a limited enrolment program for students

interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- actor
- theatre administrator
- drama therapist
- teacher
- playwright

ENGLISH LANGUAGE AND LITERATURE

- 3 yr BA
- 4 yr BA Honours
- 4 yr BA Honours English Literature and Contemporary Culture
- 4 yr BA with a Major in English and Professional Writing
- 5 yr Concurrent BA (Honours)/BEd (Grades 7 to 12)
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- Minor in English Language and Literature
- Minor in Professional Writing
- MA
- MA in Studies in Comparative Literature and Arts
- Certificate in Studies in Rhetoric and Professional Writing

Our program offers challenging academic study, combined with unique practical experience in critical thinking and writing. Courses explore the literature of Britain, the United States and Canada, as well as works written in English from all over the world. You will develop strong writing and analytical skills as well as leadership experience in small seminars. Our **Honours English** and **Honours English Literature and Contemporary Culture** programs offer superb preparation for BEd, LLB,

Master of Library Science, MA/PhD in English Studies, high school teaching or work in communications and the media.

For valuable experience in publishing, work on the *Harpweaver*, our internationally recognized literary arts magazine, or volunteer with the *Brock Press*, one of the most extensive student newspapers published in Canada. Do you seek a career in writing, publishing or media relations? Our **English and Professional Writing** program offers broad, practical experience and preparation in managing, organizing and presenting written information.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

If your major is in another department, but you have an interest in English Language and Literature or Professional Writing, you can choose English Language and Literature or Professional Writing courses as your electives and work towards a **Minor** in those areas.

Career Opportunities

- teacher
- journalist
- public relations officer
- editor
- technical writer

FRENCH

- 3 yr BA
- 4 yr BA Honours
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BA (Honours)/BEd (Grades 7 to 12)
- Minor in French

Our superb French program offers courses in French language, translation and linguistics, as well as courses on literature from French-speaking countries around the world. Culture and civilization courses highlight the painting, architecture, music and historical events that appeared along with literary texts throughout the centuries in France. In addition, you can take courses on children's and women's literature in French. Our faculty boasts three professors who hold the title

James A. Gibson Library

The Library will play a key role in your life at Brock. Academic research at the University level is very different than what you are used to in high school, and often the transition can be overwhelming. Staff at the James A. Gibson Library will help you make that transition. Our Fall tours and workshops will help you to navigate your way through the seven floors of materials and the myriad of electronic resources the Library has to offer. Or, you can simply stop by the Reference Desk and ask for help any time. Whether you are looking for sources for your next paper, or just looking for a quiet place to study, the Library is here for you.

Chevalier dans l'Ordre des Palmes Académiques, France's highest academic distinction. We offer you a variety of opportunities to study in a French-speaking milieu, including short-term spring and summer courses in Quebec. Our state-of-the-art Multimedia Language Learning Centre provides you with audiovisual, as well as Web- and computer-based opportunities for language learning. If you are interested in gaining practical work experience, our senior-year students have opportunities to work as language lab assistants. The French program is a part of our Department of Modern Languages, Literatures and Cultures.

As a **Concurrent BA (Honours)/BEd** student, majoring in French you may include a term of study in a French-speaking environment during the winter term of third year. Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

A **Minor in French** is available if you wish to obtain an overview of French while pursuing your degree in another subject area.

Career Opportunities

- French teacher
- translator
- civil service officer
- immigration officer
- business person



Jamie-Lyn Doyle specializes in the Communications Disorders stream of the Applied Language Studies program. Jamie has been actively involved in Brock life as Social Convener for the Linguistics Network, assisting students in Career Services, and speaking with prospective students through the Applicant Calling Program. Jamie-Lyn has been accepted into a post-graduate program to become a qualified Communicative Disorders Assistant.



GENERAL STUDIES

- 3 yr BA
- 3 yr BSc
- 4 yr BSc Honours

Our unique general liberal arts and science degrees enable you to pursue a more general pattern of studies than a single or combined major allows. The General Studies option gives you a broad exposure to a specific set of courses offered from across all the Faculties at Brock University: Applied Health Sciences, Business (limited course selection in Business), Education, Humanities, Mathematics and Science, and Social Sciences. Students in Niagara College's General Arts and Science Diploma program are eligible for admission and transfer credit to the BA General Studies program.

Career Opportunities

- human resource manager
- technical writer
- elementary teacher
- administrator
- mediator

GERMAN

- Minor in German

A **Minor in German** is available if you wish to obtain an overview of German while pursuing your degree in another subject area. You can study German at Brock even if you have no prior German language experience. Courses, from beginner to advanced levels, focus foremost on the spoken language. You will also take courses in culture and civilization to acquire a broader understanding of the language. The German program is a part of our Department of Modern Languages, Literatures and Cultures.

Career Opportunities

- international business person
- lawyer
- politician
- tourism coordinator
- airline employee

GREAT BOOKS/ LIBERAL STUDIES

- 3 yr BA, Combined Major only
- 4 yr BA Honours, Combined Major only
- 4 yr BSc Honours, Combined Major only
- Minor in Great Books/Liberal Studies
- Certificate in Great Books/Liberal Studies

The Great Books seminars are the heart of our program. You will read and discuss many of the great works of imagination and reason that have shaped and still shape our existence. We pursue the questions posed by those works, in an effort to uncover the often hidden assumptions that have made our society and us what we are today. We also explore non-textual ways (such as visual arts and music) to express these ideas and explore these questions. A series of field trips to plays, operas and other artistic and musical events, enhance your learning experience. We offer BA programs in combination with Business and with Social Sciences and Humanities disciplines (such as English, History, Music, and Political Science), and BSc programs in combination with Science disciplines (such as Physics).

A **Minor in Great Books/Liberal Studies** is available if you pursue a single major in another discipline but want an overview of Great Books/Liberal Studies.

Career Opportunities

- teacher
- lawyer
- librarian
- public policy adviser
- journalist

HISTORY

- 3 yr BA
- 4 yr BA Honours
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BA (Honours)/BEd (Grades 7 to 12)
- Minor in History

Are you interested in learning to analyse past situations and events, with a critical eye and a sense of skepticism, in order to interpret the forces at work and the myths and misconceptions of our own time? Historians work to understand both where society has been and where it is headed. Brock provides you with an excellent academic environment for the study of history. Our courses are structured around small seminar groups and we also offer a third-year directed research course where you will choose your topic and work one-on-one with your professor. We recommend you take advantage of our international exchange programs — for example, a number of our history students have worked on their third-year courses at Keele University in England.

A **Minor in History** is available if you wish to obtain an overview of history while pursuing your degree in another subject area.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- teacher
- lawyer
- museum curator/historian
- public relations officer
- diplomat

INTERNATIONAL STUDIES

- Minor in International Studies

In addition to your degree and major, you can earn a **Minor in International Studies** by taking the required courses as part of your program. The Minor in International Studies will enrich your major field of study, whether it is Political Science, History, Linguistics, Tourism, Sport Management, or any one of a host of others. This interdisciplinary minor will show you how a variety of disciplines can help explain the inter-relationships among nations and cultures. You will become aware of the diversity and the unifying themes that create the international world we live in. If you wish, you will have an opportunity to do part of your studies abroad, taking advantage of the many exchange programs available through our Office of International Services, or you may choose to participate in our Internship option, offered right here in Ontario.

Career Opportunities

- teacher, abroad or in multicultural Canada
- international lawyer
- social service provider, civil servant, diplomat
- international business person
- international tourism operator

ITALIAN

- 3 yr BA
- 4 yr BA Honours, Combined Major only
- Minor in Italian

The aim of Italian studies at Brock is to help you develop written and spoken competence in the language and to introduce you to the rich and vast world of Italian culture. The program includes a variety of language courses, from beginner to advanced, as well as courses in Italian literature, culture, cinema and language teaching. We also provide you with a Summer Studies Program in Italy for both majors and non-majors. Our language facilities at Brock are excellent, including a state-of-the-art Multimedia Language Learning Centre. For practical work experience in your senior years, you may be eligible to work as a University language lab assistant, or as a teacher or assistant in Italian language classes for children offered through the local school board (International Languages Program).

The Italian program is part of our Department of Modern Languages, Literatures and Cultures.

A **Minor in Italian** is available if you wish to obtain an overview of Italian while pursuing your degree in another subject area.

Career Opportunities

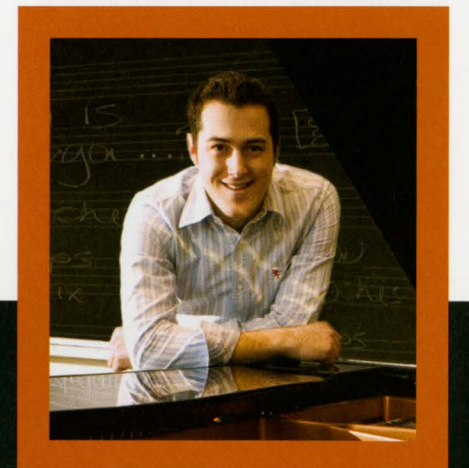
- language teacher
- translator
- government civil servant
- immigration officer

MUSIC

- 3 yr BA
- 4 yr BA Honours
- 4 yr BA with a Major
- 4 yr BMus Honours
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- Minor in Music

Our Music department offers you superb performance and academic instruction. Facilities include a concert hall, practice rooms, midi workstations, as well as substantial sound, video, music score and literature library collections. In addition to your courses in music history, theory, general musicianship and performance, you will pursue your individual interests in solo or chamber music performance, composition and arranging, conducting, music software or music education. Your studies will be enhanced by numerous special events, including a concert series, guest lectures, master classes and workshops by distinguished theorists, composers, musicologists and performers.

The program offers individual and group instruction in all of the following: piano, harpsichord, organ, voice, classical guitar or any approved concert band and orchestral instrument.



Isaac Hannigan is enrolled in the Bachelor of Music program, specializing in piano. Isaac has had the opportunity to explore his other musical interests as well, including taking part in a mixed chamber ensemble, and learning new instruments such as the trumpet, horn and trombone.



Applicants complete aural, keyboard and theory placement tests, as well as a scheduled interview. Students applying to the Bachelor of Music program, or taking lessons, will also be required to audition.

A **Minor in Music** is available if you wish to obtain an overview of Music while pursuing your degree in another subject area.

You might also choose to select courses from the other programs found in the School of Fine and Performing Arts. They are Dramatic Arts (page 20), Visual Arts (page 25), and Studies in Arts and Culture (page 25).

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- performer
- teacher
- composer/arranger
- musician
- conductor

Minors

Do you have more than one key interest? At Brock, you may enhance your degree program with a wide variety of Minor options. A Minor offers a second area of concentration to your academics, and may complement your major area of study. Minors are available in many disciplines, including several new additions for this year. Please refer to the program descriptions for available options.

PHILOSOPHY

- 3 yr BA
- 4 yr BA Honours
- Minor in Philosophy
- Minor in Professional Ethics
- MA

We have one of the best comparative philosophy programs in Canada or the United States. A team of assessors described our program as a “national resource.” Your studies will include several major areas. The history of Western philosophy covers the primary texts from the Greek, medieval and modern periods. Contemporary continental philosophy includes existentialism, phenomenology and postmodernism. You will also study Eastern philosophies, especially Indian and Chinese traditions — an unusual, extra feature of Brock’s Philosophy BA, that makes it unique in North America.

At Brock, you will bring the perspectives of both Western and Eastern philosophies to bear on religious, psychological, sociological and artistic issues. You will engage in stimulating discussion with graduates and community members in the Brock Philosophical Society. You will learn to be a critical, affirmative, wise and knowledgeable decision-maker, well trained for many vocations.

A **Minor in Philosophy** and a **Minor in Professional Ethics** are available if you wish to obtain an overview of philosophy while pursuing your degree in another subject area.

Career Opportunities

- lawyer
- journalist
- writer and editor
- teacher
- public relations adviser

SPANISH

- 3 yr BA
- 4 yr BA Honours
- Minor in Spanish

You will enjoy our thorough coverage of courses in Spanish language, translation and linguistics as well as literature and culture of Spain and Latin America. Students have the opportunity of spend their third year of Spanish studies (or combined with other disciplines) at the Instituto Tecnológico y de Estudios Superiores de Monterrey, or the Universidad Regiomontana in Mexico.

In addition, the Spanish and History departments offer a four-week Spring Study Program in a Spanish-speaking country (Latin America or Spain).

You may complete an Honours degree in Spanish or combine it with another subject. Our senior-year students have the opportunity to work as language lab monitors and research assistants. Students from our program continue on to graduate studies or pursue careers with an international scope. The Spanish program is a part of our Department of Modern Languages, Literatures and Cultures.

A **Minor in Spanish** is available if you wish to obtain an overview of Spanish while pursuing your degree in another subject area.

Career Opportunities

- spanish teacher
- translator
- government trade policy (NAFTA) analyst
- immigration officer
- travel consultant, Central and Latin America

STUDIES IN ARTS AND CULTURE

- 3 yr BA
- 4 yr BA Honours
- Minor in Studies in Arts and Culture

Studies in Arts and Culture is a program of interdisciplinary courses designed to provide critical and practical insight into the world of arts and culture from a variety of perspectives. You will select courses from within Visual Arts, Dramatic Arts, Music, Dance, Communications Studies, Film Studies and/or Canadian Studies to create a more personalized approach to critical/cultural studies. Students are required to discuss their program with the Director of the Centre for Studies in Arts and Culture in order to provide the best possible selection and to ensure compliance with University regulations.

A **Minor in Studies in Arts and Culture** is available if you wish to obtain an overview of Studies in Arts and Culture while pursuing your degree in another subject area.

You might also choose to select courses from the other programs found in the School of Fine and Performing Arts. They are Dramatic Arts (page 20), Visual Arts (page 25), and Music (page 23).

Career Opportunities

- arts administrator
- critic
- educator
- curator
- editor

VISUAL ARTS

- 3 yr BA
- 4 yr BA Honours
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BA (Honours)/BEd (Grades 7 to 12)
- Minor in Art History
- Concentration in Curatorial Studies

Our Department of Visual Arts offers superb studio and art history courses to give you a practical and critical understanding of the visual arts. We focus on your artistic development, introducing you to a range of historical, theoretical and critical approaches to art-making and cultural documents. Studio courses in foundation, drawing, painting and interdisciplinary studio, as well as additional courses in sculpture, photography and computer imaging, broaden your experience as an artist.

You might also choose to select courses from the other programs found in the School of Fine and Performing Arts. They are Dramatic Arts (page 20), Music (page 23), and Studies in Arts and Culture (page 25).

With a **Minor in Art History** or a **Concentration in Curatorial Studies**, students can explore the cultural, theoretical or practical methods involving the origin, interpretation, or exhibition of works of art.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

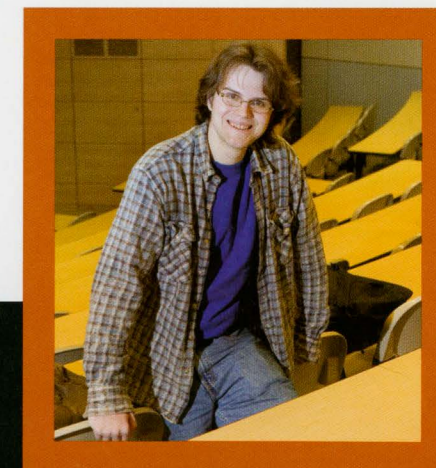
Career Opportunities

- art therapist
- artist
- photographer
- graphic designer
- curator

Rodman Hall Arts Brock Centre University

Rodman Hall Arts Centre, Brock University, is Niagara’s premier exhibition centre, featuring the work of local, regional, national and international artists. It houses a permanent collection with over 900 works of contemporary and historical works of art including paintings, drawings, prints, sculptures and outdoor installations. Exhibitions, educational events and internship opportunities are all offered at Rodman Hall.

A public art gallery since 1960, Rodman Hall became a part of Brock University in 2003 and is affiliated with our School of Fine and Performing Arts. Honours students in the Visual Arts program enjoy the opportunity to exhibit the results of their Honours studio in a curated exhibition each spring.



Patrick Graham was attracted to the multidisciplinary nature of the Great Books/Liberal Studies program, and the opportunity to study literature and scholarly thought from a variety of perspectives. He is currently completing research in semiotics in ethnomusicology and will present the topic as his thesis.

MATHEMATICS AND SCIENCE

"I truly appreciated the personal attention I received in all of my classes at Brock. I wasn't a number in the crowd and was able to develop relationships with both professors and fellow students."

Carilynne Yarascavitch, Bachelor of Science in Biological Sciences
Dentist, Doctor of Dental Surgery, University of Toronto



The Faculty of Mathematics and Science boasts an outstanding reputation for teaching and research, with programs designed to place students at the forefront of today's most cutting-edge scientific fields. Tristan Eshuis is part of the Earth Science Co-op program and appreciates the opportunity to integrate practical opportunities into his degree program. Tristan's other interests include participating in the Brock Geology Club, where he is President Elect, and participating in intramural sports and residence-life activities.



BIOCHEMISTRY

- 3 yr BSc
- 4 yr BSc Honours
- 5 yr BSc Honours Co-op

CO-OP

A major advantage to studying Biochemistry at Brock is that our teaching and research labs are combined. This means you will apply current techniques and technology to biochemical problems using the same state-of-the-art equipment that our professors use for their research. Your program will begin with a set of core chemistry, cell biology and molecular biology courses. In your third and fourth years, you may emphasize either biology or chemistry courses. You can choose from a wide selection of courses that include studies in metabolism and energy flow, proteins and enzyme action, macromolecular structures, information flow and molecular genetics, and bio-organic and biophysical chemistry.

If you plan to pursue a career in a health profession, you may wish to team up this degree with our one-of-a-kind MED Plus program. See pages 3 and 48 for more details about MED Plus.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- medicine
- dentistry
- pharmaceutical sales and research
- research scientist
- education

BIOLOGICAL SCIENCES

- 3 yr BSc
- 4 yr BSc with Major
- 4 yr BSc Honours
- 5 yr Concurrent BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BSc (Honours)/BEd (Grades 7 to 12)
- Minor in Biological Sciences
- MSc
- PhD

As a Biological Sciences student, you will share in the success of a program that is ranked highly among undergraduate Canadian universities in medical and science research grants.

You will have access to superbly equipped modern labs and the teaching and research knowledge of professors who have received provincial and national acclaim for their work. Lectures, laboratories, and field studies introduce you to the breadth of Biological Sciences in the first two years after which you can design your program from a large selection of courses in areas such as biochemistry, cell biology, developmental biology, animal, plant and microbial physiology, genetics, molecular biology, neurobiology, ecology, animal behaviour, and histology.

If you plan to pursue a career in a health profession, you may wish to team up this degree with our one-of-a-kind MED Plus program. See pages 3 and 48 for more details about MED Plus.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

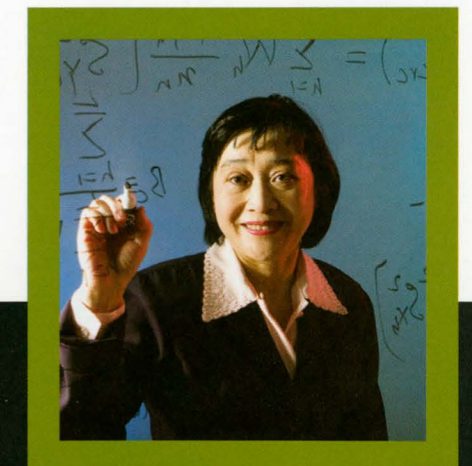
Career Opportunities

- medicine, dentistry
- veterinary medicine
- chiropractic practice
- teaching scientist
- research scientist

BIOMEDICAL SCIENCES

- 4 yr BSc Honours

This exciting program is intended for students interested in a career in medicine or biomedical research. The program is being offered jointly by the Departments of Biological Sciences and Community Health Sciences and is focused on the molecular basis of human health. It draws on the expertise of the Department of Community Health Sciences in the medical aspects of human health and the Department of Biological Sciences in the theory, methods and applications of molecular genetics. You will be exposed to topics in subjects such as human physiology, anatomy, pharmacology, microbiology, biochemistry, and genetics. Students will receive excellent preparation for biomedical research careers in emerging areas such as human genetics and molecular biology.



Dr. Mei Ling Huang is a professor within the Mathematics program. Her research is aimed at developing optimal statistical inference methods theoretically and computationally to analyze real data, and to draw conclusions about an unknown population as accurately as possible.



If you plan to pursue a career in the health profession, you may wish to team up this degree with our one-of-a-kind MED Plus program. For more information on MED Plus see pages 3 and 48.

Career Opportunities

- medicine and allied health professions
- medical research
- teaching
- forensic research
- pharmaceutical industry

BIOTECHNOLOGY

CO-OP

- 3 yr BSc
- 4 yr BSc Honours
- 5 yr BSc Honours Co-op
- MSc
- PhD

As a Biotechnology graduate, you will be on the forefront of research in this exciting and knowledge-based industry. You will take courses in biological sciences, chemistry, biochemistry, and biotechnology to explore the use of living organisms to produce goods and services for practical and industrial purposes. Career opportunities in biotechnology are expanding rapidly due to a dramatic increase in global market demands for biotechnology products. Biotechnology has been around us for years, for example, in the fermentation of wine and beer, and the making of bread and cheese. As a modern biotechnologist, you will learn new applications using new scientific tools, including recombinant DNA technology, genetic and protein engineering, cell fusion, gene cloning, and expression.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- medicine
- veterinary medicine
- teaching at all levels
- patent lawyer
- pharmacology/pharmacy
- research

CHEMISTRY

CO-OP

- 3 yr BSc
- 4 yr BSc with a Major
- 4 yr BSc Honours
- 4 1/2 yr BSc Honours Co-op
- 5 yr Concurrent BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BSc (Honours)/BEd (Grades 7 to 12)
- Minor in Chemistry
- MSc

We have some of the most advanced equipment in the field and we actually let you use it! While other schools often reserve the newest equipment for research only, at Brock, all facilities are used for both teaching and research. Our commitment to hands-on learning makes our graduates especially skilled and adept scientists. Our Chemistry students have been accepted into the best graduate schools in North America; in fact, graduates report that they are better prepared than many of their fellow students in their graduate programs.

Our graduates are highly sought after — currently Brock graduates are

developing new drugs at Dupont-Merck, NovaPharm, Salk Institute of Biotechnology, Parke-Davis, Johnson and Johnson; and are working on chemical research at Enbridge-Consumers Gas, Custom Pharmaceutical, Symyx Technologies, the Ontario Ministry of the Environment and many more.

Undergraduates such as you are key partners in our research activities, participating in special research courses and paid summer research. Who knows? You might co-author a publication!

If your focus is on the environment, the *BSc Honours in Chemistry: Environmental Stream* will be of interest.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Graduates of the Chemical Engineering Technology program at Mohawk College may be eligible to receive 6.5 credits towards a BSc Honours in Chemistry at Brock.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- chemical industry
- chemical patent lawyer
- pharmaceutical researcher
- forensic technician
- teacher (Grades 4 to 12)
- environmental researcher
- physician, dentist
- computer modeler

COMPUTER SCIENCE

CO-OP

- 3 yr BSc
- 4 yr BSc with a Major
- 4 yr BSc Honours: Software Engineering or Intelligent Systems
- 4 1/2 yr BSc Honours Co-op
- 5 yr Concurrent BSc (Honours)/BEd (Grades 7 to 12)
- 8-, 12-, 16-month paid Internships
- BSc or BSc Honours, after a previous degree
- MSc

We've invested in new equipment to ensure that you will be working with the latest state-of-the-art technology. We'll prepare you for a career in Information Technology (IT), an industry that is transforming our world and workplaces. You will study data structures, operating systems, database systems, industry-standard programming languages, software engineering and user interfaces. You can take specialized courses in object-orientation, computer graphics, intelligent systems, computer networks, advanced Internet, expert systems, robotics, parallel computing and compiler construction. The BSc Honours program offers two concentrations:

Software Engineering focuses on programming and systems analysis for application development.

Intelligent Systems focuses on research into making computers behave like humans.

For a hardware option, check out Computing and Solid-State Device Technology (see page 30).

The Co-op and Internship options let you combine paid work with your degree and give you valuable hands-on experience in the IT industry. Internship students apply for eight-, 12-, or 16-

month work terms (70-per-cent major average required.)

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- programmer or systems analyst
- network administrator
- computer graphics designer
- IT project manager or corporate trainer
- Web designer/Internet specialist

COMPUTING AND BUSINESS

CO-OP

- 4 yr BCB Honours
- 4 1/2 yr BCB Honours Co-op
- 8-, 12-, 16-month paid Internship

Our program provides a unique foundation in business practices for computing professionals. The program begins with the core courses in computer programming, basic data structures and computer organization, augmented by courses in accounting, management and economics. In upper years, your studies will include databases, advanced data structures, operating systems, computing ethics, entrepreneurship, finance, marketing and organizational behaviour, as well as software engineering.

In the Internship BCB option, you combine paid work with your degree to get valuable hands-on experience in

business and information technology. Internship students apply for eight-, 12-, or 16-month work terms (75-per-cent major average required.)

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- IT entrepreneur systems/analyst
- IT project manager
- information systems manager
- IT marketing manager/sales
- Web strategist

Superb computer science facilities

- 4 labs reserved for Computer Science students
- Labs connected to campus-wide 1 gigabit network with 200 Mbps Internet connection
- Windows, UNIX/IRIX and LINUX
- Wireless connection, laptop storage and recharging
- High-speed UNIX servers
- High-speed parallel systems
- Microsoft Consortium (most Microsoft software available for student home use)
- Java, Oracle, CASE tools, UML, graphics and animation software



Shufen Xu travelled from Belize to attend Brock and has excelled within the Biochemistry program. Shufen has received a Brock Scholars Award, was on the 2004 Dean's Honours List, and has been actively involved in Brock's INTERNATIONAL Plus program. Shufen plans to pursue a career in medicine.



COMPUTER SCIENCE AND MATHEMATICS

- 4 1/2 year BSc Honours **CO-OP** Co-op

This exciting program will allow you to combine your interests in mathematics and computer science, as well as provide you with unique work experience opportunities. The four-and-a-half-year program combines the strengths of our Computer Science program with our MICA program (Mathematics Integrated with Computers and Applications is a cutting-edge program that shows you how to apply what you learn using technology).

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- research consultant
- computer graphics designer
- Web designer/Internet specialist
- mathematics teacher
- applied mathematician

COMPUTING AND NETWORK COMMUNICATIONS

- 4 1/2 yr BSc Honours **CO-OP** Co-op

The Department of Computer Science at Brock University and the School of Applied Computing and Engineering Sciences at Sheridan College have developed a program by which students interested in pursuing a career in Information Technology can complete a four-year university degree at Brock in Computing and Network Communications along with an Ontario three-year diploma in Telecommunications Technology from Sheridan College.

This program caters to the increasing demand in the Information Technology industry for professionals who have a solid foundation in software development as well as practical technical skills in system security, telecommunications, network analysis and administration. Normally, this involves attending college after gaining a university degree, but the Brock and Sheridan program combines the two in a single integrated package.

This program is Co-op only. **Co-op programs** allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- information systems manager
- programmer/application developer
- communications systems analyst
- network architect
- network security officer

COMPUTING AND SOLID-STATE DEVICE TECHNOLOGY

- 4 yr BSc Honours **CO-OP**
- 4 1/2 yr BSc Honours Co-op

This degree prepares you for an exciting career in computer technology by tackling computing from the hardware perspective. If you like math and physics, love to tinker, and have an urge to take apart your PC to figure out how it works, this cutting-edge program is right for you! The program emphasizes practical aspects of computing and the use of computer-based and other solid-state electronic devices in control, manufacturing and research. You will acquire the skills needed to meet real-world challenges of new technologies in our world and workplaces. We'll make sure you have a head start on your career by building in first-hand experience with the opportunity to participate in a summer internship work placement, or the Co-op option.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- IT hardware engineer
- automation of manufacturing processes
- IT systems operations analyst
- VoIP (Voice-Over Internet Specialist)

EARTH SCIENCES

- 3 yr BSc **CO-OP**
- 4 yr BSc with a Major
- 4 yr BSc Honours
- 5 yr BSc Honours Co-op
- Minor in Earth Sciences
- MSc

Brock offers one of the strongest traditional Earth Sciences/Geology degree programs in the Toronto and Golden Horseshoe area of Ontario. We offer Honours and Major programs in Earth Sciences and Environmental Geoscience (for more information, see Environmental Geoscience, page 32). Geoscientists study the planet Earth, from the time of its formation to the present day, and attempt to predict its continued evolution. Geoscientists work to solve a diverse range of problems related to pollution, groundwater management, waste disposal, global change, volcanic and earthquake hazards, and exploration and utilization of natural resources such as oil, gas, minerals and aggregates. Field trips are an integral component of this program. At Brock, you will have the opportunity to work with faculty on local, national and international research projects.

Our **Co-op in Earth Sciences** will allow you to gain valuable work experience by combining academic and work terms over 4 1/2 years. For more information about Co-op at Brock, please see page 3.

In Ontario and throughout Canada, a licence is required to practice as a Professional Geoscientist (P. Geo.). Brock's Earth Sciences Honours and Major degree programs are designed to comply with the education requirements for your initial licensing as a Geoscientist-in-Training, the licensing

classification that leads to the P. Geo. designation established by the Association of Professional Geoscientists of Ontario.

A **Minor in Earth Sciences** is available if you wish to obtain an overview of Earth Sciences while pursuing your degree in another subject area.

Career Opportunities

- professional geoscientist (P. Geo. designation)
- minerals exploration geologist (P. Geo.)
- mining geologist (P. Geo.)
- petroleum geologist (P. Geo.)
- paleontologist (P. Geo.)

Map Library

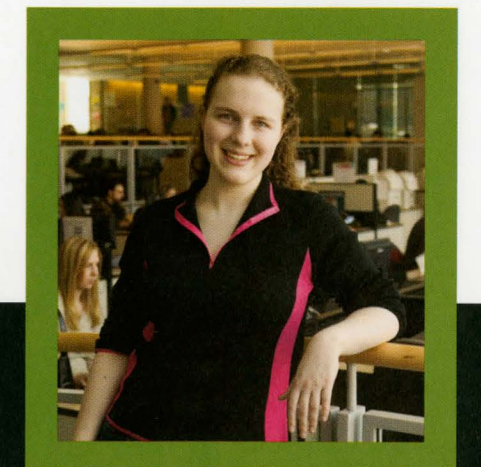
The Map Library provides access to over 50,000 map sheets, 16,000 aerial photographs, more than 700 atlases and over 40 digital data products. Map Library personnel are available to provide reference assistance, on-line searching, cartographic interpretation and much more.

ENVIRONMENT

- 3 yr BA **CO-OP**
- 4 yr BA Honours
- 3 yr BSc
- 4 yr BSc Honours
- 4 1/2 yr BSc Honours Applied Environmental Science and Technology Co-op
- Minor in Environmental Studies
- Certificate in Environment

Examine the issues, understand the choices and have an opportunity to make a difference in your world. Brock's Centre for the Environment oversees several environmental programs in conjunction with other departments. You will draw upon the knowledge base and practical techniques of a wide range of disciplines in the natural sciences, social sciences and humanities. Your program will take you from the classroom to the field to analyse and address environmental issues that impact communities around the world.

In our **Co-op in Applied Environmental Science and Technology**, you will take courses in biology, biotechnology and environment, and also complete three Co-op work terms. You will graduate with an Honours BSc from Brock and a post-graduate certificate from Niagara College in Ecosystem Restoration. For more information about Co-op at Brock, please see page 3.



Jenny Guay is an enthusiastic Computer Science student who is keen to promote her program. She enjoys the opportunity to talk about her experiences with prospective students, and has taken part in a variety of initiatives including the Applicant Calling program, representing the department during on-campus events, and being part of the Computer Science departmental video.



The **BA and BSc in Environment** bring together studies in environmental economics, environmental policy and environmental sciences. You will gain insights into the areas of expertise that are needed to respond to environmental challenges. In the **BA program**, you will have the opportunity to specialize in economics, geography, political science or sociology.

In the **BSc program**, you can specialize in biology, chemistry, or geography.

The professors at Brock have extensive practical experience, from award-winning research projects, to consulting roles with Environment Canada, Fisheries and Oceans Canada, the Niagara Region, the Ontario Ministry of Natural Resources and Pollution Probe.

If your major is in another department, but you have an interest in environmental issues, you can choose Environment courses as your electives and work towards a **Minor in Environment**.

Career Opportunities

- environment consultant and benefit cost-analyst
- energy analyst
- municipal or government planner
- conservationist waste management controller

ENVIRONMENTAL GEOSCIENCE

CO-OP

- 3 yr BSc
- 4 yr BSc with a Major
- 4 yr BSc Honours
- 5 yr BSc Honours Co-op

Environmental Geoscientists apply their unique understanding of the Earth's composition, structure, and physical processes to protect the environment and predict geologic and hydrologic hazards. Using studies that balance fieldwork, laboratory analyses, and theoretical studies of interactions between air, water, and earth materials, they seek to advance our fundamental understanding of Earth processes and systems, and apply this understanding to society's needs and problems.

The Niagara Peninsula and a large part of Ontario lie within the watershed of the Great Lakes, the Earth's largest freshwater ecosystem. Studies have found more than 360 toxic chemicals in the Great Lakes ecosystem, which are destructive to aquatic ecosystems and potentially dangerous to human health. New geoscientists, trained in the environmental disciplines, will be required to meet environmental and resource management challenges. Current trends suggest that in North America, employment in the environmental geoscience disciplines will grow faster than the average for all occupations through 2010.

All four degree programs examine the interrelationships between earth materials, the atmosphere, hydrosphere, and biosphere, and the impact of human activities upon them from a physical science viewpoint. A key element of these programs is their emphasis on training in both laboratory and field techniques and interpretive methods; all are essential for graduates to compete

effectively for both government and private sector positions in the environmental disciplines. The Honours program also provides the preparation for graduate study in specializations such as hydrology, environmental geochemistry, and groundwater geology.

Our new **Co-op in Environmental Geosciences** will allow you to gain valuable work experience by combining academic and work terms over 4 1/2 to 5 years. For more information about Co-op at Brock, please see page 3.

In Ontario and throughout Canada, a licence is required to practice as a Professional Geoscientist. Brock's Environmental Geoscience Honours and major degree programs are designed to comply with the educational requirements for your initial licensing as a Geoscientist-in-training, the licensing classification that leads to the P. Geo. designation established by the Association of Professional Geoscientists of Ontario.

Career Opportunities

- hydrologist (P. Geo.)
- groundwater geologist (P. Geo.)
- environmental geoscientist (P. Geo.)
- environmental officer (P. Geo.)
- environmental regulator (P. Geo.)
- conservation officer/park warden

GENERAL STUDIES

- 3 yr BA
- 3 yr BSc
- 4 yr BSc Honours

Our unique general liberal arts and science degrees enable you to pursue a more general pattern of studies than a single or combined major allows. The General Studies option gives you a broad exposure to a specific set of courses offered from across all the Faculties at Brock University: Applied

Health Sciences, Business (limited course selection in Business), Education, Humanities, Mathematics and Science, and Social Sciences. Students in Niagara College's General Arts and Science Diploma program are eligible for admission and transfer credit to the BA General Studies.

Career Opportunities

- human resource manager
- technical writer
- elementary teacher
- administrator
- mediator

GEOGRAPHY

- 3 yr BA
- 4 yr BA Honours in Human Geography
- 4 yr BA Honours in Geography with Concentration in GIS
- 3 yr BSc
- 4 yr BSc Honours in Physical Geography
- 4 yr BSc Honours in Geography with Concentration in GIS
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd, BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BA (Honours)/BEd, BSc (Honours)/BEd (Grades 7 to 12)
- Minor in Geography

Geographers study the locations of human and physical aspects of natural and human environments, to determine how, when, where and why they originated, developed and evolved. Our program combines classroom, laboratory and fieldwork experience in:

Human Geography: An understanding of the human world and its interaction with the physical, urban, social, economic, cultural and symbolic aspects of human behaviour and environments.

Physical Geography: The study of the Earth's surface features and processes, explaining geographic patterns of landforms, sediments, soils, vegetation, water and climate by investigating and understanding the processes operating at the surface of the earth, and how they interact, affect and complement human activities and environments.

Geographic Information Systems (GIS): A growing field that includes technical studies in cartography, remote sensing and surveying. Our Concentration in GIS is now being offered in collaboration with Niagara College. You can graduate in four years with an Honours degree in Geography and a post-graduate diploma in GIS.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

If your major is in another department, but you have an interest in Geography, you can choose Geography courses as your electives and work towards a **Minor in Geography**.

Career Opportunities

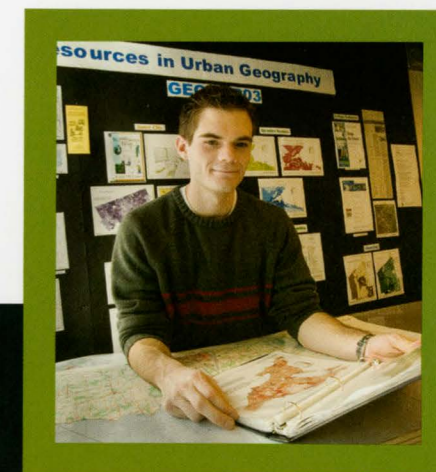
- land surveyor
- city planner
- climatologist
- teacher
- cartographer

MATHEMATICS

- 3 yr BSc
- MICA 4 yr BSc Honours
- 4 1/2 yr BSc Honours in Computer Science and Mathematics Co-op
- 5 yr Concurrent BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BSc (Honours)/BEd (Grades 7 to 12)
- Concentrations: Pure Mathematics, Statistics
- Minor in Mathematics
- Certificate in Statistics

Are you looking for an exciting mathematics program that makes full use of computers and information technology? Are you looking for a program in mathematics education that puts you in real classrooms from the second year on? Then have a look at our MICA (Mathematics Integrated with Computers and Applications) program or consider our Concurrent education programs. MICA is a unique cutting-edge program that gives you a solid foundation in mathematics and shows you how to apply what you have learned using technology. You have the options of specializing to obtain concentrations in Pure Mathematics or Statistics, or doing a combined Honours degree with another discipline.

In your third and fourth year, you may gain valuable work experience as a course marker or lab leader.



Kurt Kornelson appreciates the wide range of disciplines covered by his Physical Geography program, and the opportunity to take courses from both a physical and human perspective. Kurt's favourite experience to date has been a third-year fieldwork course spent studying Ontario landscapes.



Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

A **Minor in Mathematics** is available if you wish to obtain an overview of Mathematics while pursuing your degree in another subject area.

Are you interested in mathematics and computer science? Then consider our **BSc Honours in Computer Science and Mathematics Co-op program**, found on page, 30.

Career Opportunities

- math teacher
- business analyst
- research consultant
- applied mathematician
- statistician
- pure mathematician

MEDICINE PREPARATION

Are you interested in practicing medicine? While Brock does not have a Faculty of Medicine, we're a great choice for your pre-medicine course work. Our tutorial-based seminar system excels in developing your critical-thinking skills and is superb preparation for the problem-based learning model of medicine curriculum that is used by many medical schools throughout North America. We recommend partnering our MED Plus program with a degree in Health Sciences, Community Health, Biological Sciences, Biomedical Sciences or Neuroscience. For more information on MED Plus, see pages 3 and 48.

NEUROSCIENCE

- 4 yr BSc with a Major
- 4 yr BSc Honours
- 5 yr BSc Honours Co-op

CO-OP

Neuroscience is the study of the nervous system and how it generates behaviour. You will study the link between neural function and behaviour at many levels, from the interaction of molecules to the interactions between people. These levels are reflected using techniques in molecular genetics, biochemistry, cellular physiology, neuroanatomy, electrophysiology, pharmacology, behavioural biology, neuropsychology, cognitive psychology and social psychology.

You may choose from three streams including *Neurobiology*, *Neuropsychology*, and a *Neuromotor* stream. You will assist in active neuroscience laboratory research dealing with humans. The University maintains close research and academic ties to the Ontario Brain Injury Association. This relationship enables our students to work as volunteers in assessing, testing and implementing rehabilitation programs with individuals who have sustained brain injury.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

You may wish to team up this degree with our one-of-a-kind MED Plus program. See pages 3 and 48 for more details about MED Plus.

Career Opportunities

- physician
- physical and occupational therapist
- pharmacist
- research technician
- medical technologist
- veterinarian

OENOLOGY AND VITICULTURE

- 4 yr BSc Honours Co-op
- Certificate in Grape and Wine Technology

CO-OP

Brock University established the Cool Climate Oenology and Viticulture Institute (CCOVI) in 1996 in collaboration with the Canadian grape and wine industry. With these partnerships firmly established, CCOVI has become the focal point of academic training and research for the Canadian grape and wine industry. Inniskillin Hall is one of the most modern facilities in the world dedicated to grape growing and winemaking.

It includes a biotechnology research lab with up-to-date instrumentation, a completely equipped pilot teaching winery, a fermentation lab with climate controlled environment chambers, a fully equipped viticulture research lab, a computerized sensory evaluation lab and a wine cellar which houses the Canadian Wine Library, research wines and teaching collections.

This applied biotechnology Co-op degree program is the only one of its kind in Canada, offering a comprehensive scientific education in grape growing and winemaking as well as industry experience through required work terms. You may also gain entrepreneurial skills through work term placements and courses in marketing and tourism. Biology and Chemistry faculty in the program hold major grants for research in biotechnology, genetic studies, viticulture and oenology. For more information about **Co-op** at Brock, please see page 3.

BSc students from the Okanagan University College in British Columbia and the Nova Scotia Agricultural College may be eligible to transfer into

Year 2 or 3 of our Honours program. Exchange programs exist with Lincoln University in New Zealand, University of Udine in Italy and ENESAD, the Etablissement National d'Enseignement Supérieur Agronomique de Dijon, France.

Career Opportunities

- winemaker/winery consultant
- vineyard manager/consultant
- winery/vineyard proprietor
- wine marketing, tourism, and education
- sensory specialist
- oenology, viticulture, or biotechnology researcher

Niagara Escarpment Biosphere Reserve

Brock's campus is part of the Niagara Escarpment Biosphere Reserve, a global network of biosphere reserves designated and co-ordinated by UNESCO (United Nations Education, Scientific, and Cultural Organization). A biosphere is a model living landscape that shows how cities, parks and farmland can live together in a sustainable way. Brock is the only university in Canada with the privilege of being in a biosphere reserve. As an undergraduate student in our Environment program, you will have the opportunity to conduct field research in our biosphere, using the same techniques applied in other biosphere reserves around the world.

PHYSICS

- 3 yr BSc
- 4 yr BSc with a Major
- 4 yr BSc Honours
- 4 1/2 yr BSc Honours Co-op
- 5 yr Concurrent BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
- 5 yr Concurrent BSc (Honours)/BEd (Grades 7 to 12)
- Minor in Physics
- MSc

CO-OP

Brock's Physics department, with its state-of-the-art equipment and internationally recognized faculty and research projects, is a dynamic and exciting place. Your studies will concentrate on various aspects of solid-state and material research, from superconductors to soft-condensed matter systems. Guest speakers in weekly seminars bring front line research into the classroom, giving you an appetite for the type of research opportunities you will experience in upper years. Our undergraduate students are involved in research — some of our students have published papers before graduation. Combined majors are available with Biology, Computer Science, Mathematics, Chemistry, Earth Sciences and Great Books/Liberal Studies. See also: Computing and Solid-State Device Technology, page 30.

A **Minor in Physics** is available if you wish to be introduced to the fundamental concepts of various branches of physics and their applications, while pursuing your degree in another field. This program is

designed to give you some basic problem-solving skills that help you adapt to today's rapidly changing technology-based workplace.

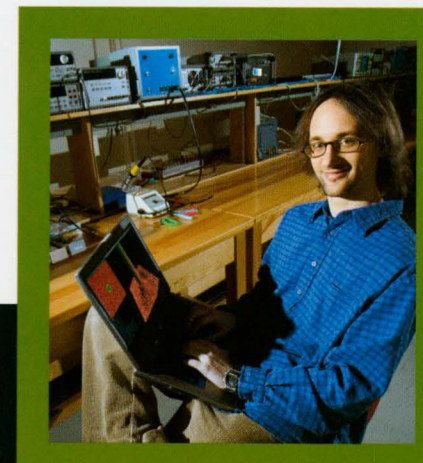
Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

For future Physics teachers we offer two Concurrent Education degree programs. Graduates with Physics as a teachable subject area continue to be in high demand.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

Career Opportunities

- instrument development and design
- science teacher, physics or astronomy professor
- medical physicist
- space scientist
- computing and information technology support
- science journalist
- patent law

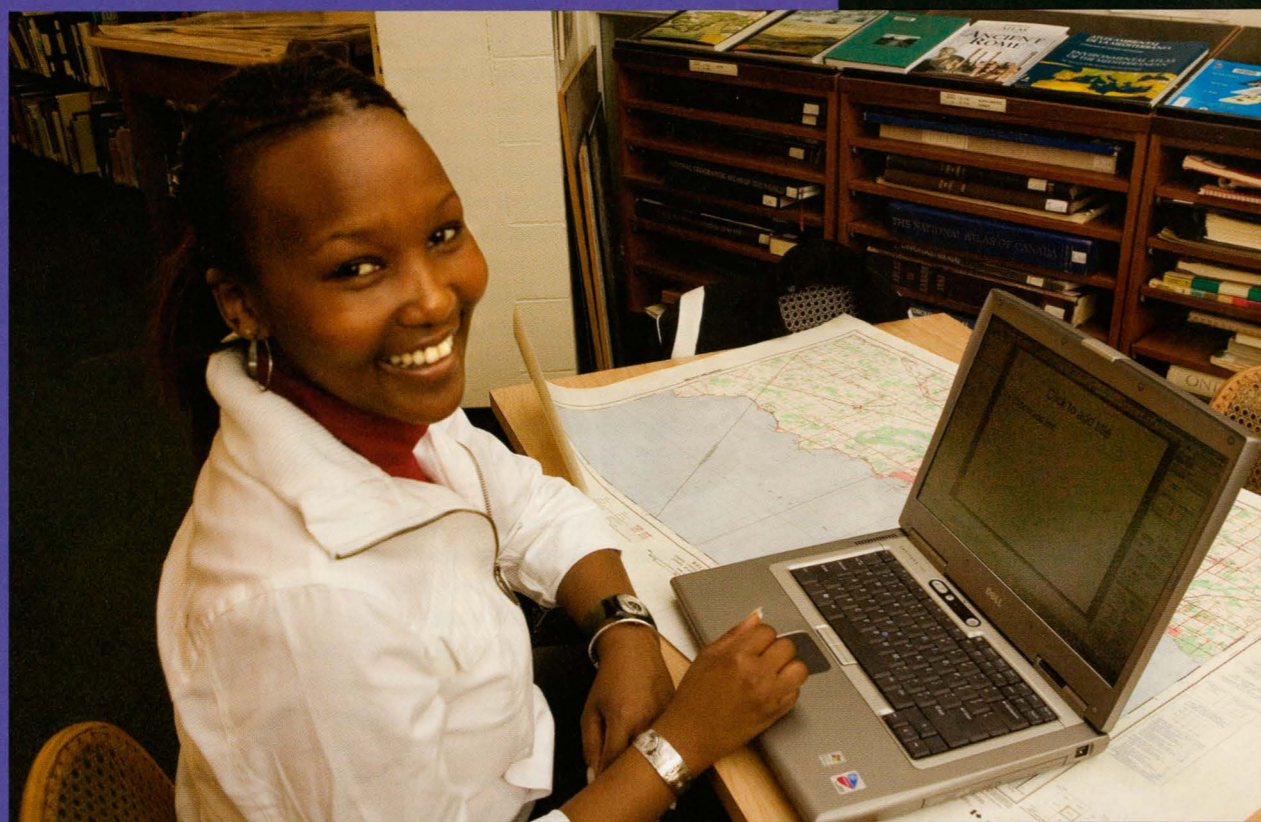


Charles Hogg is in his last year of a combined degree in Physics and Computer Science. Charles has been a member of the Brock ACM (Association for Computer Machinery) Programming team for the past three years, helping the team reach unprecedented success in the region. Now graduating, Charles has been accepted to Carnegie Mellon University where he will pursue a PhD in Physics and a Master's degree in Computer Science.

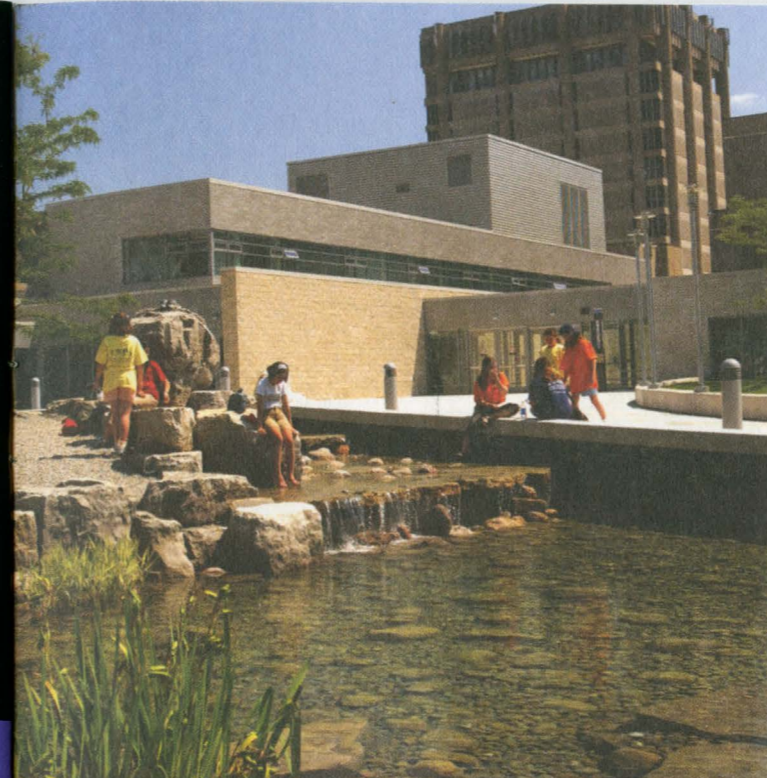
SOCIAL SCIENCES

“The nurturing sense of community at Brock, combined with a comprehensive academic background, provided me with the confidence to go on and pursue my career goals in the field of law.”

Sharon MacKay, Bachelor of Arts, Political Science
Associate Lawyer, Sullivan - Mahoney Barristers and Solicitors (LL.B University of Windsor)



The Faculty of Social Sciences at Brock has a strong tradition of interdisciplinary teaching and research, designed to provide students with a broad based theoretical background, combined with core competencies in their chosen area of study. Thule Lenneiyi is from Zimbabwe and chose Brock because of the unique opportunity to combine the study of Economics and the Environment. Thule is actively involved in the Brock International Student Association, and organizes events and activities for international and Canadian students alike.



- ⊗ Academic Programs
- ⊗ Scholarships
- ⊗ Residence
- ⊗ Student Services

Request more information online at:
www.brocku.ca/prospective/

- child life specialist
- teacher
- autism consultant
- special needs assistant
- social services worker
- child advocate
- community youth programs manager
- school consultant

Dr. John Mitterer has been teaching *Introductory Psychology* for over 20 years and has won both the admiration of students and respect of colleagues. Most recently, he was honoured with the prestigious 3M Teaching Fellowship, an award for demonstrating an exceptionally high degree of leadership and commitment to teaching.

COMMUNICATIONS STUDIES

- 3 yr BA
- 4 yr BA Honours
- 4 yr BA Honours Co-op

CO-OP

Are you interested in studying how people communicate, ways that social structures affect communication, or how new technologies are changing human communications? We offer four streams of specialization:

Business Communications gives you a strong base for analyzing and practising communications in business.

Digital Culture develops your knowledge of how new information technologies impact human communications.

Media, Culture and Society focuses on the impact of media and communications in the creation of meaning, identity and social change. The study of media content, audiences, and institutions are emphasized in their political, economic, and social contexts in Canada and elsewhere.

The **Co-op programs** in all streams combine academic and work terms over a four-year period. Students spend two years in an academic setting, where they acquire the necessary background prior to taking the first work placement. For more information about Co-op at Brock, please see page 3.

Career Opportunities



SOCIAL SCIENCES

“The nurturing sense of community at Brock, with a comprehensive academic background, provides me with the confidence to go on and pursue my career in the field of law.”

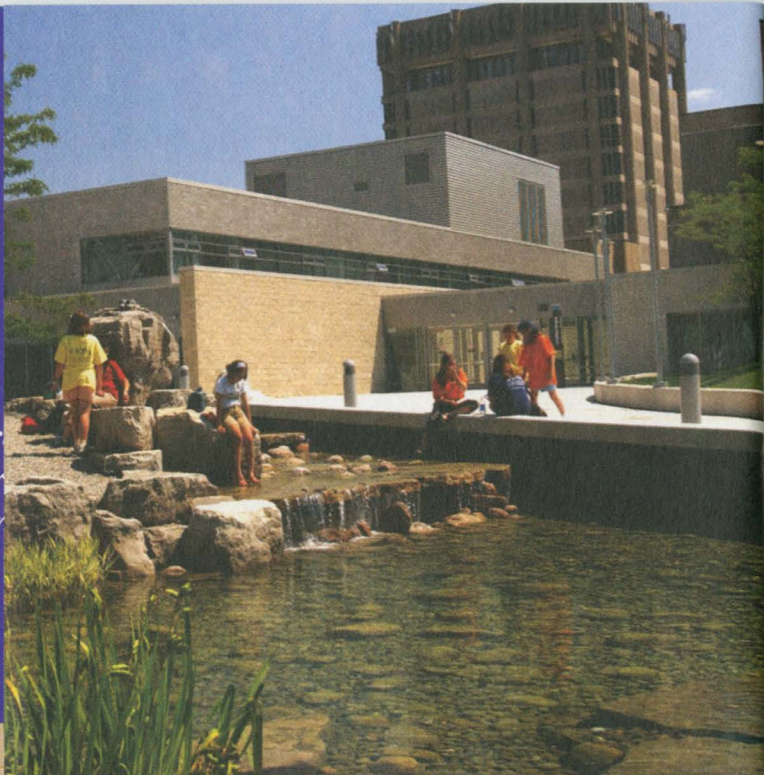
Sharon MacKay, Bachelor of Arts, Political Science
Associate Lawyer, Sullivan - Mahoney Barristers and Solicitors (LL.B. University of Windsor)



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BUSINESS ECONOMICS

- 4 yr BBE Honours **CO-OP**
- 4 1/2 yr BBE Honours Co-op
- MBE Co-op

Our Bachelor of Business Economics program is unique in Canada. If you are interested in combining the studies of economics and business, this degree offers you the best opportunity. With an emphasis on quantitative, communication and analytical skills, you will be well prepared for a variety of careers in both the public and private sectors of the economy. After your first two years, you can specialize in one of the following two areas:

Financial Economics which combines economics with finance knowledge; or *Consumer Economics* which combines economics with marketing expertise.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- financial analyst
- market researcher
- public service administrator
- private sector manager
- banker

CHILD AND YOUTH STUDIES

- 3 yr BA
- 4 yr BA Honours
- 4 yr Concurrent BA CHYS/BE (Grades K-6, competitive admission for second-year entry)
- MA

Child and Youth Studies (CHYS) is one of the most popular programs at Brock. You will learn from a broad-based approach that considers the individual child or youth within the context of the family, school, peer group and community. With interdisciplinary roots in psychology, education, sociology, cultural studies and criminology, our degree gives you the academic background to pursue a wide variety of careers or to pursue further studies in a Master's program.

Field placements in schools and agencies will give you valuable experience for your résumé.

You will complete a common first year, and then apply for either the **Concurrent BA CHYS/BE**, the **BA Honours** or the **BA**.

The **Concurrent BA Child and Youth Studies/BE** is a limited enrolment program which offers a unique integration of academic and teacher-education courses throughout four years of study. For more information see the Faculty of Education, page 14.

Career Opportunities

- child life specialist
- teacher
- autism consultant
- special needs assistant
- social services worker
- child advocate
- community youth programs manager
- school consultant

COMMUNICATIONS STUDIES

- 3 yr BA **CO-OP**
- 4 yr BA Honours
- 4 yr BA Honours Co-op

Are you interested in studying how people communicate, ways that social structures affect communication, or how new technologies are changing human communications? We offer four streams of specialization:

Business Communications gives you a strong base for analyzing and practising communications in business.

Digital Culture develops your knowledge of how new information technologies impact human communications.

Media, Culture and Society focuses on the impact of media and communications in the creation of meaning, identity and social change. The study of media content, audiences, and institutions are emphasized in their political, economic, and social contexts in Canada and elsewhere.

The **Co-op programs** in all streams combine academic and work terms over a four-year period. Students spend two years in an academic setting, where they acquire the necessary background prior to taking the first work placement. For more information about Co-op at Brock, please see page 3.

Career Opportunities



Dr. John Mitterer has been teaching Introductory Psychology for over 20 years and has won both the admiration of students and respect of colleagues. Most recently, he was honoured with the prestigious 3M Teaching Fellowship, an award for demonstrating an exceptionally high degree of leadership and commitment to teaching.



Career Opportunities

- public relations officer
- radio/TV journalist
- advertising executive
- government policy adviser
- human resource manager

ECONOMICS

CO-OP

- 3 yr BA
- 4 yr BA Honours
- 4 1/2 yr BA Honours Co-op
- Minor in Economics

You will study the “science of choice” — learning how limited resources can best be used to meet the needs of individuals and society. You will look at how individual consumers choose to spend their time and money, and how producers predict and respond to consumer needs. You will gain an understanding of the economy as a whole, from the banking system, unemployment, government debt and taxation, to international trade and exchange rates, and natural resource use and conservation.

A **Minor in Economics** is available if you wish to obtain an overview of Economics while pursuing your degree in another subject area.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- private-sector economist
- government economist
- business manager
- corporate lawyer
- banker
- financial investment planner

ENVIRONMENT

CO-OP

- 3 yr BA
- 4 yr BA Honours
- 3 yr BSc
- 4 yr BSc Honours
- 4 1/2 yr BSc Honours Applied Environmental Science and Technology Co-op
- Minor in Environmental Studies
- Certificate in Environment

Examine the issues, understand the choices and have an opportunity to make a difference in your world. Brock’s Centre for the Environment oversees several environmental programs in conjunction with other departments. You will draw upon the knowledge base and practical techniques of a wide range of disciplines in the natural sciences, social sciences and humanities. Your program will take you from the classroom to the field to analyse and address environmental issues that impact communities around the world.

In our **Co-op in Applied Environmental Science and Technology**, you will take courses in biology, biotechnology and environment, and also complete three Co-op work terms. You will graduate with an Honours BSc from Brock and a post-graduate certificate from Niagara College in Ecosystem Restoration. For more information about **Co-op** at Brock, please see page 3.

The **BA** and **BSc in Environment** bring together studies in environmental economics, environmental policy and environmental sciences. You will gain insights into the areas of expertise that are needed to respond to environmental challenges. In the **BA program**, you will have the opportunity to specialize in economics, geography, political science or sociology.

In the **BSc program**, you can specialize in biology, chemistry, or geography.

The professors at Brock have extensive practical experience, from award-winning research projects, to consulting roles with Environment Canada, Fisheries and Oceans Canada, the Niagara Region, the Ontario Ministry of Natural Resources and Pollution Probe.

If your major is in another department, but you have an interest in environmental issues, you can choose Environment courses as your electives and work towards a **Minor in Environment**.

Career Opportunities

- environment consultant and benefit cost-analyst
- energy analyst
- municipal or government planner
- conservationist waste management controller

FILM STUDIES

CO-OP

- 3 yr BA
- 4 yr BA Honours
- 4 1/2 yr BA Honours Co-op

Brock has the oldest and one of the most distinguished Film Studies programs in Canada. The program focuses on critical and historical courses that examine a variety of approaches to film and related media. Most courses include weekly film screenings to introduce students to all kinds of cinema. Studying a wide range of films provides a thorough understanding of the medium for future filmmakers, critics, and teachers. There are optional courses in film and video production, and students may become involved in the organization of the Brock University Film Society (BUFS).

The **Co-op program** combines academic and work terms over a 4 1/2-year period. Students spend two years in an academic setting, where they acquire the necessary background prior to taking the first work placement. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- film writer
- video artist
- television programmer
- film critic
- filmmaker

GENERAL STUDIES

- 3 yr BA
- 3 yr BSc
- 4 yr BSc Honours

Our unique general liberal arts and science degrees enable you to pursue a more general pattern of studies than a single or combined major allows. The General Studies option gives you a broad exposure to a specific set of courses offered from across all the Faculties at Brock University: Applied Health Sciences, Business (limited course selection in Business), Education, Humanities, Mathematics and Science, and Social Sciences. Students in Niagara College’s General Arts and Science Diploma program are eligible for admission and transfer credit to the BA General Studies.

Career Opportunities

- human resource manager
- technical writer
- elementary teacher
- administrator
- mediator

GEOGRAPHY

- 3 yr BA
- 4 yr BA Honours in Human Geography
- 4 yr BA Honours in Geography with Concentration in GIS
- 3 yr BSc
- 4 yr BSc Honours in Physical Geography
- 4 yr BSc Honours in Geography with Concentration in GIS
- 5 yr Concurrent BA Integrated Studies (Honours)/BEd, BSc Integrated Studies (Honours)/BEd (Grades 4 to 10, emphasizing elementary school)
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Geographers study the locations of human and physical aspects of natural and human environments, to determine how, when, where and why they originated, developed and evolved. Our program combines classroom, laboratory and fieldwork experience in:

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Geographic Information Systems (GIS): A growing field that includes technical studies in cartography, remote sensing

and surveying. Our Concentration in GIS is now being offered in collaboration with Niagara College. You can graduate in four years with an Honours degree in Geography and a post-graduate diploma in GIS.

Concurrent education is a limited enrolment program for students interested in teaching. For more information, see the Faculty of Education, page 14.

If your major is in another department, but you have an interest in Geography, you can choose Geography courses as your electives and work towards a **Minor in Geography**.

If you are interested in pursuing a career in the criminal justice system, you may wish to look into our new collaborative program in **Policing and Criminal Justice**. See page 40 for more details.

Career Opportunities

- land surveyor
- city planner
- climatologist
- teacher
- cartographer



Paxton Allewell is in his third year of the Communications Studies program. He has focused on gaining valuable experience outside of the classroom. Paxton is the President and Co-founder of the Brock Communications, Popular Culture and Film Society. He is a contributor to the Brock Press, Brock’s student-run newspaper, and he has also worked in the department as a Teaching Assistant.



INTERNATIONAL POLITICAL ECONOMY

- 4 yr BA Honours

This unique program lets you combine your studies in Economics and Political Science. It is designed to provide you with an understanding of the forces behind globalization by focusing on historically new questions: What economic forces give rise to internationalization and globalization? What will be the role of international economic institutions such as the European Central Bank, the World Bank, or the World Trade Organization? Should countries adopt common currencies? How will globalization, and economic policies and institutions, affect transnational cultural relations and attempts to maintain cultural sovereignty? In the future, will people continue to define their identities in terms of nationality?

Career Opportunities

- international business person
- foreign service agent
- diplomat
- journalist
- public servant

LABOUR STUDIES

- 3 yr BA Combined Major with Economics, Political Science or Sociology
- 4 yr BA Honours Combined Major with Economics, Political Science or Sociology
- Minor in Labour Studies
- Certificate in Labour Studies

Work. It's a four-letter word that defines so much of our lives — our position in society, our economic well-being, even our self-image. A Labour Studies combined Honours degree or concentration gives you a social science perspective for the study of work and the many issues faced by workers in contemporary society. You will become an expert on issues such as restructuring the labour force, technological change in the workplace, human rights and equality issues, changing labour legislation and re-skilling the workforce.

A **Minor in Labour Studies** is available if you wish to obtain an overview of Labour Studies while pursuing your degree in another subject area.

Career Opportunities

- labour lawyer or mediator
- human resource manager
- government labour specialist
- journalist
- labour educator and researcher

POLICING AND CRIMINAL JUSTICE

- Diploma in Police Foundations with one of the following degrees:
 - BA Honours in Human Geography
 - BA Honours in Political Science
 - BA Honours in Sociology
 - BA with a major in Psychology

Our unique collaborative program in Policing and Criminal Justice offers you an exciting new opportunity to pursue a career in the criminal justice system. Graduates of this four-year program will receive an honours Bachelor of Arts degree in one of Human Geography, Political Science or Sociology, or a BA with a major in Psychology as well as a diploma in Police Foundations. By offering courses at Brock University and Niagara College of Applied Arts and Technology, the program caters to an increasing demand for professionals who possess both solid applied skills and substantive knowledge in the areas of policing and criminal justice. Apply for admission to this specialized program at the end of your first year at Brock. In Year 3, courses are taken at Niagara College, and include a practical field placement provided by the Niagara Regional Police Service. You return to Brock for your final year of study.

Career Opportunities

- law enforcement
- corrections
- security
- parole
- probation

POLITICAL SCIENCE

CO-OP

- 3 yr BA
- 4 yr BA Honours
- 4 1/2 yr BA Honours Co-op
- Concentration: Public Law
- MA
- Certificate in Public Administration
- Certificate in Public Law

Aristotle wrote more than 2,000 years ago that we are “by nature” political beings. Find out why! Our program looks at five key areas. In *Canadian Politics, Comparative Politics* and *International Relations*, you will examine power relationships and the organization of power within and among states. *Political Theory* introduces you to diverse perspectives on how power ought to be organized and to what ends. *Public Administration* focuses your thoughts on how power is organized in the administrative machinery of contemporary local, provincial and national governments. You will develop strong skills in argument and analysis. As Honours students, you may participate in part-time internship opportunities, working with government and non-government organizations, research institutes and political parties.

The *Concentration in Public Law* is a superb pre-Law program if you intend to pursue a legal career.

If you are interested in pursuing a career in the criminal justice system, you may wish to look into our new collaborative program in **Policing and Criminal Justice**. See page 40 for more details.

Co-op is available within the *Public Administration* Stream of Political Science. **Co-op programs** allow you to combine academic and work terms which are typically completed in four to

five years. For more information about Co-op at Brock, please see page 3.

Career Opportunities

- lawyer
- government administrator
- journalist
- diplomat, international affairs specialist
- polling and political consultant

POPULAR CULTURE

CO-OP

- 3 yr BA
- 4 yr BA Honours
- 4 yr BA Honours Co-op
- MA

You will explore issues in popular culture from a multidisciplinary perspective. You will take a series of critical and historical courses which examine popular forms in a wide variety of media including television, popular music, advertising, literature and film, in their political, historical, economic and aesthetic contexts. Courses in communications, film, Canadian studies and politics, in addition to general background courses in humanities, social sciences, and science, will give you an excellent understanding of the world of popular forms, both contemporary and historical.

The **Co-op program** combines academic and work terms over a four-year period. Students spend two years in an academic setting, where they acquire the necessary background prior to taking the first work placement. For more information about Co-op at Brock, please see page 3.

The MA is an interdisciplinary program with courses offered by faculty from several departments in the Faculty

of Humanities and the Faculty of Social Sciences.

Career Opportunities

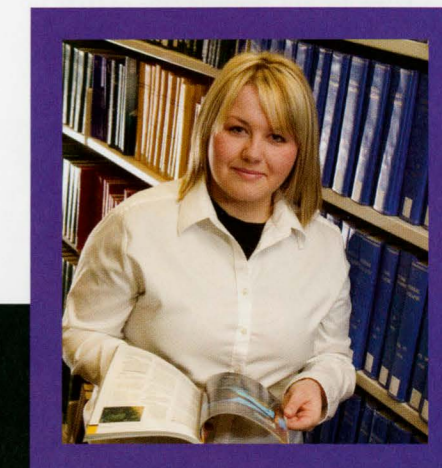
- journalist
- writer
- editor
- public relations professional
- advertising executive

PSYCHOLOGY

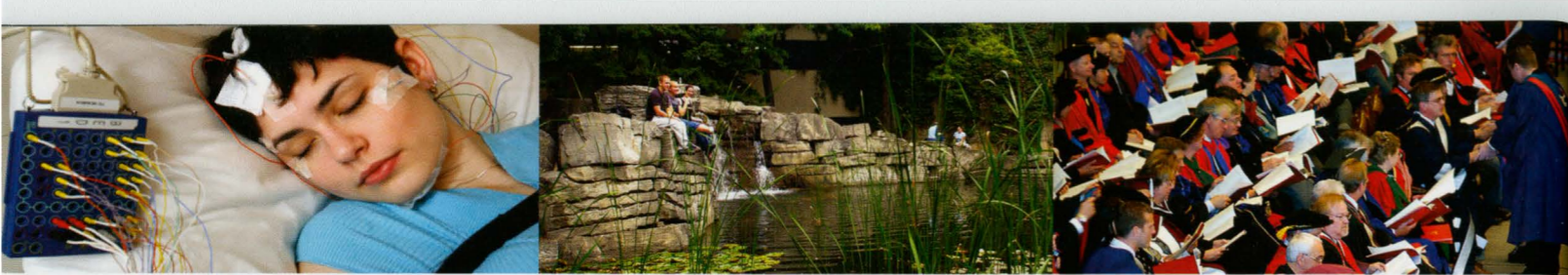
CO-OP

- 3 yr BA
- 4 yr BA with a Major
- 4 yr BA Honours
- 5 yr BA Honours Co-op
- 5 yr BA with a Major Co-op
- Minor in Psychology
- MA
- PhD

At the heart of human behaviour lies the fascinating science of psychology. After your first-year introductory course, your studies can branch into several directions including clinical, cognition, developmental, neuropsychology, personality and social psychology. You will also engage in research projects, field placements and practical work experience. Brock offers senior students the opportunity to work as research assistants in a variety of active laboratories, such as the sleep, neuropsychology, social development, social justice, animal communication



Paige Blacklock is a Women's Studies major who has taken part in various campus and community initiatives as part of her program. Paige volunteers as an editor for the WISE Journal, a Brock publication dedicated to women's issues, and has also helped organize a forum discussing violence against women. Paige's Honours thesis will focus on gender inequalities in the classroom.



Graduate Studies

and hypermedia labs. Senior students also have the opportunity to apply for teaching assistantships in several of our undergraduate courses.

A **Minor in Psychology** is available if you wish to obtain an overview of psychology while pursuing your degree in another subject area.

Co-op programs allow you to combine academic and work terms which are typically completed in four to five years. For more information about Co-op at Brock, please see page 3.

If you are interested in pursuing a career in the criminal justice system, you may wish to look into our new collaborative program in **Policing and Criminal Justice**. See page 40 for more details.

Career Opportunities

- psychologist
- psychological assessor
- child- and youth-care worker
- social worker
- human resource professional
- health care/support

SOCIOLOGY

- 3 yr BA
- 4 yr BA Honours
- Concentrations: Criminology, Social Justice and Equity
- Minor in Criminology
- Minor in Sociology
- MA in Social Justice and Equity Studies
- Certificate in Criminology

As a Sociology student, you will develop the analytical skills to study human social behaviour within the social institutions and policies which shape our

real-life experiences. You will be exposed to perspectives and experiences to give you a broad understanding and appreciation for diversity, including criminology and deviance, gender and labour, ideology and communications, and socialization and inequality. As a Sociology major, you can take a *Concentration in Criminology* with a focus on the criminal justice system, youth offenders, law and punishment. Or you can take a *Concentration in Social Justice and Equity* with a focus on inequality related to racism, gender and class.

You can also combine a Sociology major with Canadian Studies, Child and Youth Studies, Communications Studies, Environment, Labour Studies or Women's Studies. You will learn by reading, writing, seminar debate and individual research. As well, you will gain practical work and research experience as a volunteer with a local service agency.

Minors in Sociology, or Criminology are available if you wish to obtain an overview of criminology or sociology while pursuing a degree in another subject area.

If you are interested in pursuing a career in the criminal justice system, you may also wish to look into our new collaborative program in **Policing and Criminal Justice**. See page 40 for more details.

Career Opportunities

- police/corrections officer
- immigration and customs officer
- social worker
- union organizer
- corporate policy adviser

WOMEN'S STUDIES

- 3 yr BA
- 4 yr BA Honours
- Minor in Women's Studies
- Certificate in Women's Studies

You will examine how gender, as an essential factor in cultural expression and human interaction, influences both men and women. You will explore women's intellectual contributions and experiences from a variety of perspectives, in a supportive environment. The strength of the program is its interdisciplinary scope — you will look at history, institutions, ideology, human nature, science, language and culture from a new critical perspective.

If you cannot commit to a full degree or you already have a degree, the certificate program has been designed for you.

A **Minor in Women's Studies** is available if you wish to obtain an overview of women's studies while pursuing your degree in another subject area.

Career Opportunities

- family lawyer
- social worker
- family doctor
- director of women's organizations
- human rights worker

Brock is internationally recognized for our strong sense of community and excellent graduate programs. Brock provides a friendly, supportive atmosphere for graduate students. Our smaller-sized programs promote collegiality, faculty accessibility as well as personalized and ongoing contact between professors and students.

As a graduate student at Brock, you will work one-on-one with dedicated professors who are among the top researchers in their field in Canada and around the world. Their individual attention and expertise will guide you as you explore new and exciting directions in your area of study. You will be joining one of the most rapidly growing parts of the University. We have expanded from eight Master's programs to 27 along with four PhD programs. Several programs are in the advanced stage of planning or approval.

Research Excellence and Financial Assistance

Brock University researchers continue to experience success in attracting sponsored research funding. Many of these research funds contribute directly to the education and training of graduate students. Each year, Brock graduate students receive national and provincial grants and scholarships in recognition of their academic excellence.

Brock University, faculty researchers, generous donors and external agencies offer fellowships, assistantships, scholarships, awards and bursaries. Prospective students are strongly encouraged to apply for any financial assistance for which

they are eligible. Graduate students are also eligible to apply for government student loans. For more information, go to www.brocku.ca/gradstudies and click on Financial Aid.



"Studying at Brock has broadened my vision of education in Canada and worldwide, improved my research skills, and enhanced my academic writing abilities. Overall, my experience at Brock has been a positive influence in my life and future career."

Hannah Shi,
Master of Education, China

Master's Programs

- MAcc Master of Accountancy
- MA/MSc in Applied Health Sciences
- MA in Applied Linguistics (TESL) Teaching English as a Subsequent Language
- MSc in Biological Sciences
- MSc in Biotechnology
- MBA Master of Business Administration
- MBE Master of Business Economics (Co-op)
- MSc in Chemistry
- MA in Child and Youth Studies
- MA in Classics
- MSc in Computer Science
- MSc in Earth Sciences
- MEd Master of Education
- MA in English Language and Literature
- MSc in Mathematics and Statistics
- MA in Philosophy
- MSc in Physics
- MA in Political Science
- MA in Popular Culture
- MA in Psychology
- MA in Social Justice and Equity Studies
- MA in Studies in Comparative Literatures and Arts
- 5 International Student Cohort Programs (Master of Accountancy, Master of Business Administration, Master of Education, Master of Applied Linguistics, Master of Science in Biotechnology)

Doctoral Programs

- PhD in Biological Sciences
- PhD in Biotechnology
- PhD in Educational Studies (joint program)
- PhD in Psychology

Programs in Development

- MA in History
- PhD in Chemistry
- MA in Applied Disabilities Studies
- Master of Applied Disabilities
- MSc in Management

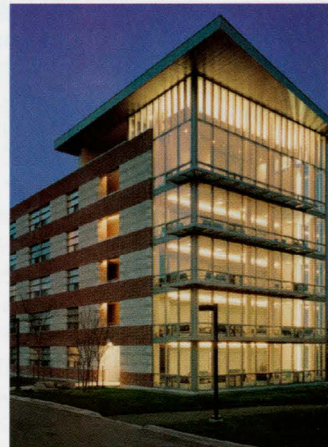
For more information, visit:
www.brocku.ca/gradstudies

Residence Life

Traditional-Style Residences



DeCew Residence



Earp Residence



Lowenberger Residence



Vallee Residence

The traditional-style residences have both single and double rooms grouped into communities of "houses" or "halls" of 40 to 60 students. Each building has common lounges, laundry facilities and vending machines. All students living in traditional-style residences must

purchase a meal plan for use in one of the two residence dining halls. Washroom facilities are shared with one to five others. There are several rooms designed to accommodate those with mobility devices.

Townhouse-Style Residences



Village Residence

Highlights: Townhouses with three single rooms and one double room to a house. Each unit includes a kitchen, lounge area, and storage. An optional meal plan is available.



Quarry View Residence

Highlights: Stacked townhouse units. All single rooms in 3- or 4-bedroom units. Also includes a living/dining area, kitchen, and 2 washrooms. An optional meal plan is available.

Room Fees (2004-2005)

Style	Double Room	Single Room
Traditional	\$3,445*	\$3,900*
Village	\$3,650**	\$4,230**
Quarry View	N/A	\$4,675**

*An additional Communications Fee of \$275 is applied to all students living in residence (except Quarry View). This covers the cost of network connection, cable TV and local telephone in every residence room. Students living in Quarry View have the opportunity (and responsibility) of signing up for cable, Internet and telephone services.

**There is a mandatory utilities fee for Village Residence (\$295) and Quarry View (\$395).

Every student in residence pays a Residence Activity Fee of \$35. Please note these prices are subject to change.

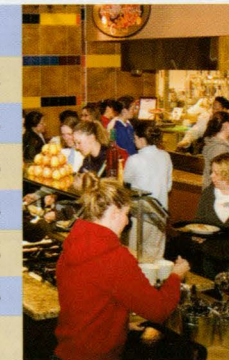
The residence system at Brock has been recognized as being one of the best in Canada. As your "home away from home," residence at Brock will provide you with the opportunity to live in outstanding modern facilities, to meet new friends, and to become a vital part of the Brock community. Living in residence is an experience like no other and one which will provide you with great memories lasting long after graduation.

Meal Plan Options

Students must purchase a meal plan if living in a Traditional-style of residence; meal plans are optional for students living in a Townhouse-style of residence. Meal plans are on an "all-you-care-to-eat" basis. The Flex Plans offer a combination of all-you-care-to-eat meals in the dining hall with extra "flex dollars" which may be used at any Sodexho location on campus, as well as several establishments off campus. Declining Cash Balance (DCB) accounts are also available for any student living on or off campus, and may be used at any Sodexho location on campus, as well as several establishments off campus.

Meal Plan	Description	Cost
10 Meal Plan	10 meals/week	\$3,075
10 Flex Plan	10 meals/week + \$315 DCB	\$3,375
15 Meal Plan	15 meals/week	\$3,355
15 Flex Plan	15 meals/week + \$315 DCB	\$3,655
19 Meal Plan	19 meals/week	\$3,595
19 Flex Plan	19 meals/week + \$325 DCB	\$3,895

*Please note these prices are subject to change.



Off-Campus Housing

Planning to live off campus? Our Off-Campus Housing Office offers an excellent service to make your housing search easier. Up-to-date listings of available accommodations are posted outside the department and also on our website at www.brocku.ca/och/. You will also find information about average rents, answers to many common questions, and other useful tips!

Also, check out the Brock Off-Campus Society (BOC), an organization run by the Brock University Students' Union for students living off campus. For more information visit the website at www.busu.net

Safety

Brock University is known as a safe and friendly campus. Even so, it is important to have safety measures in place. On our campus you will find:

- Campus Security on duty 24 hours;
- Well-lit walkways and parking lots;
- Emergency Call Buttons;
- Residence Security Staff;
- Brock Students' Foot Patrol.



Getting In!

1. Indicate your interest in living in residence on the Ontario Universities' Application Centre (OUAC) application form.

2. Along with your offer of admission, we'll send you instructions letting you know how to apply to residence.

3. Apply for residence online at: www.brocku.ca/residence by June 12, 2006. Brock's Finance Office must receive your residence deposit by June 12, 2006. You may indicate a preference for a particular style of residence. We'll do our best to accommodate you, although there is no guarantee that we will be able to meet these preferences.

4. We are happy to guarantee residence to a) Incoming Year 1 full-time students coming directly from high school (attending as a full-time student the preceding academic year), with a 75% or higher admission average, as determined by the Office of the Registrar at Brock or b) Incoming Year 1 full-time students whose primary residence is outside of Ontario. In both cases this guarantee applies only if the residence application and deposit deadline of June 12, 2006 is met.

In 2005, the Department of Residences was able to accommodate the majority of students who applied to residence with averages below 75%.

The above is intended to provide general information about residence at Brock University. It is subject to change without notice, as deemed appropriate by the Department of Residences. Please consult our website at www.brocku.ca/residence for the most current information.

Getting Involved Beyond the Classroom

Brock University Students' Union

Do you like to meet new people, get involved, and make a difference in your school community? The Brock University Students' Union (BUSU) represents all Brock undergraduate students and is organized by students for students. Being a part of the student government is a terrific opportunity to learn new and marketable skills, expand your network of contacts, and to make a positive impact on your University.

Something for Everyone

We have a club for you! Brock students are members of more than 50 student clubs, offering activities to suit almost anyone's interests. They are as diverse as our student population and range from faculty-based clubs, to cultural organizations, to special interest activities. Student clubs are a great way to get to know other people who have similar interests to yours and to expand your social circle.

A Healthy, Active Lifestyle

You don't have to be a star athlete to get involved in sports at Brock. Over 5,000 students each year take part in our fantastic intramural programs from flag football to innertube waterpolo. Get involved in aquatics, fitness, instructional programs such as Tai Chi or Pilates, or even gain your certification in coaching or first aid. The possibilities are endless!

Brock boasts some of the best facilities in the province for student recreation. Our Walker Complex is the largest multi-use recreational facility in the Niagara region and includes a state-of-the-art health club called The Zone, an Olympic-sized swimming pool, an indoor rowing centre and a 200-metre suspended running track.



The Zone is a 5,100-square-foot facility including cardio equipment, strength training equipment, and a mezzanine level designed for group spin classes and the cardio theatre.

Residence Activities

Residence isn't just about having a place to call home, it's also about participating in the numerous opportunities available. You may wish to help with the planning of special events on the Residence Action Council, volunteer to create the yearly Residence Yearbook, or pass on your expertise and experiences to others by being a Don after your first year.

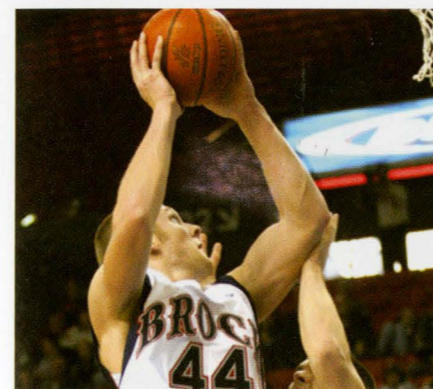
Recreational Facilities

- The Zone fitness centre
- 3 gymnasiums (23,000, 12,000, 11,000 square-foot)
- Indoor running/walking track
- Outdoor tennis courts
- Cardio centre
- Indoor Rowing Centre
- Olympic-sized swimming pool
- Sauna and whirlpool
- Athletic therapy clinic
- Combative room
- Fencing/dance studio
- Squash and racquetball courts
- Numerous playing fields

BUSU Services

- Brock Off-Campus Society (BOC)
- Foot Patrol
- Student Health Plan
- "U-Pass" Bus Pass
- Food Bank
- Emergency Student Loan Program

A Winning Tradition



Badgers athlete Kevin Stienstra completed an impressive season in 2004-05 and was named CIS Player of the Year.

Few institutions in Canada can compare to the high level of athletic achievement of Brock University. With 20 National Championships and 38 Provincial Championships to our credit, the Brock Badgers have certainly established a tradition of excellence. Our Badgers ended another banner year in 2004-2005 with several new titles to add to their growing list.

2004-2005

Canadian Championships

- GOLD** - CIS Men's Wrestling
- GOLD** - CUFLA Men's Lacrosse
- GOLD** - CURC Men's Rowing

2004-2005

Ontario Championships

- GOLD** - OUA Men's Wrestling
- GOLD** - OUA Women's Wrestling
- GOLD** - OUA Men's Baseball
- SILVER** - OUA Men's Basketball
- SILVER** - OUA Figure Skating
- SILVER** - OUA Women's Lacrosse
- SILVER** - OUA Men's Tennis
- BRONZE** - OUA Women's Rowing
- BRONZE** - OUA Men's Rowing
- BRONZE** - OUA Men's Soccer

An Impressive Year for the Badgers

After a stellar performance this year, a record number of Badger athletes and coaches received individual recognition at both the provincial and national levels. Badgers Basketball centre Kevin Stienstra was honoured this year with the Mike Moser Memorial Trophy as the Canadian Interuniversity Sport (CIS) Player of the Year. He was also named the OUA Player of the Year and OUA West MVP, as well as the Brock Male Athlete of the Year. Stienstra's Brock Male Athlete of the Year co-winner, wrestler Ryan Weicker, also had an outstanding season, making CIS history as the first wrestler to capture five straight gold medals in five years. For his performance, Weicker was named the 2005 CIS Most Outstanding Wrestler. In addition to these impressive awards, five Brock coaches were honoured this year, as well as several other Badger athletes from a variety of sports including Men's and Women's Lacrosse, Women's Basketball, Baseball, Men's Rugby, Men's Soccer, and Men's Wrestling. Congratulations Badgers!

Academic Champions

Interuniversity sport is the experience of a lifetime. Participating in team sports, combined with a strong education, will help you to build the skills you will need to be successful in life. At Brock we recognize the importance of balancing your academics with athletics. Many of our student athletes are excellent examples of this balance with 153 receiving President Awards in 2004-2005, an award based on maintaining a positive academic average while competing as an athlete.

Varsity Sports

Men's

Badminton	Fencing	Soccer
Baseball	Golf	Squash
Basketball	Hockey	Swimming
Cross Country	Rowing	Tennis
Curling	Rugby	Wrestling

Women's

Badminton	Hockey	Soccer
Basketball	Lacrosse	Swimming
Cross Country	Rowing	Volleyball
Curling	Rugby	Wrestling

Club Sports

Men's Lacrosse



Become a Brock Athlete

If you've been a successful athlete in a sport in high school, we'd like to hear from you! Please fill out our Athletic Recruitment Form on our website at www.brocku.ca/athletics/recruitment

Tryout schedules for all teams will be posted at www.brocku.ca/athletics by mid-to-late August, so be sure to check regularly for updates.



Brock's women's lacrosse team finished the 2004 season with a 10-1-1 record and captured a silver medal in the OUA Championships.

At Your Service

You come first at Brock! Our faculty and staff make outstanding service something you can expect every day.

SMART Start

We'll give you the help and support you need to ensure your success. In the summer, come to campus for SMART Start, our first-year academic orientation program. We'll help you plan your courses and register using our state-of-the-art web-based registration system. Learn about other student services provided on campus, register with EXPERIENCE Plus, and meet fellow first-year students.

Career Services

Career Services is dedicated to helping students explore career options, define career goals and plan their academic, work and volunteer opportunities to meet those goals. Stop by to see us - no appointment is necessary!

• **Career Planning:** We offer numerous resources to assist you with your career planning and job search. Our resource library, employment workshops, job opportunities and many events will



SMART Start will be your first official day as a Brock student. We will help to make your transition to university life a smooth one and make you feel at home on campus.

all help to prepare you for your career of choice and connect you with relevant volunteer and employment opportunities. Trained Career Assistants will work with you to provide practical hands-on assistance.

• **EXPERIENCE Plus:** Register with EXPERIENCE Plus and we'll work with you to track and record your volunteer and work experience, workshop attendance, certifications, and awards. Your official EXPERIENCE Plus transcript will demonstrate your development of the skills that are so highly valued by employers.

• **MED Plus:** If you plan to pursue a career in health care, check out this program - a one-of-a-kind partnership with local physicians and public health officials. The program gives you valuable experience, which will be an important asset when you apply to medical or graduate school. You'll want to practice your future career in Niagara with the outstanding professionals you will meet through MED Plus.

Health Services

Our team of nurses and physicians provide comprehensive medical services for full-time students, as well as health education counselling. Look for us in Harrison Hall, the medical building next to the Village Residences.

Student Development Services

Visit us at the 4th floor of the Schmon Tower to find out about the many services provided by the friendly staff at the Student Development Centre:

- Aboriginal student services
- Leadership Foundations Training
- Services for Students with disABILITIES



Health Services' Peer Education program involves students promoting healthy lifestyles on campus.

- Learning skills services, including our Study Write! drop-in service
- Personal counselling services

International Services

Are you interested in adding an international component to your degree? Brock has excellent exchange programs. You may also wish to take part in INTERNATIONAL Plus, a new program for students interested in travelling, studying or working abroad. You will have the opportunity to make contacts with people from numerous countries by participating in volunteer placements that have an international dimension, and by attending various workshops. By participating in INTERNATIONAL Plus, you will be able to enhance your international experiences and develop awareness about other cultures.

Are you coming to Brock from another country? We'll help you adjust to university life in Canada, starting with social and academic orientation activities, as well as other events throughout the year. All students are welcome to join the various international student clubs or relax in the International Cooperation Lounge to meet other Brock students from around the world.

Money Matters

• Scholarships

Brock Scholars Awards		
\$10,000	(\$2,500 first year, \$2,500 renewable x 3*)	94% +
\$ 6,000	(\$1,500 first year, \$1,500 renewable x 3*)	90 - 93.9%
\$ 4,000	(\$1,000 first year, \$1,000 renewable x 3*)	86 - 89.9%
\$ 1,550	(\$ 500 first year, \$ 350 renewable x 3*)	80 - 85.9%

* Please note: number of renewals dependent on length of program of study. Maximum of 3.

Brock Scholars awards are open to every incoming student, from anywhere in the world! To qualify, you must be entering into your first undergraduate program in Fall 2006 and register as a full-time student. Your award will be renewed every year if you achieve an average of 80-per-cent on your Brock courses.

• Brock Leaders Awards

If you are applying to an undergraduate degree program, make sure you apply for a Brock Leaders Award! These \$8,000 awards (\$2,000 first year, \$2,000 renewable x 3) are based on your grades (you must have a minimum average of 80-per-cent), a nomination from one of your teachers, a résumé outlining your personal leadership experience, and an essay. Financial need will also be taken into account. Application forms will be available on our website in September. The application deadline is **March 17, 2006**. Fifteen awards for first-year students are available for students from across Canada. You will also be guaranteed a place in one of our residences for the duration of your award.

• Brock International Baccalaureate (IB) Scholars

We recognize that students graduating from an IB program have had a very demanding high school experience. If you have completed your IB program and have a

cumulative IB grade of 28 or more, you may receive a recognition award of \$500, in addition to any other awards you may receive.

• Entrance Bursaries

If you have financial need, you may qualify for a \$750 entrance bursary. All you have to do is

• How Much Will Your Education Cost?

University Costs (per year)	Living in Residence	Local Students	International Students
Tuition* (full time/five courses)	\$4,482.70	\$4,482.70	\$11,377.90
Residence	\$3,455-4,675		\$3,455-4,675
Meal Plans	\$3,075-3,595		\$3,075-3,595
Textbooks	\$800-1,000	\$800-1,000	\$800-1,000
Transportation/Parking**	\$200-400	\$200-400	\$200-400
University Health Insurance Plan***			\$528
Total average cost****	\$13,077.70	\$5,682.70	\$20,500.90

* Brock charges per course. If you take three courses, we only charge you for three!

** A bus pass is included in tuition costs for all students taking one or more credits.

*** Health Insurance is provided by the Brock University Students' Union. Students may opt out of this plan provided that proof of adequate coverage is shown. All international students are required to pay a \$528 UHIP fee.

**** Prices are quoted in Canadian dollars and are based on 2005-2006 costs. Tuition fees are subject to change pending Ministry approval.

We will send you detailed awards information once you have applied to Brock. For more information please visit www.brocku.ca/studentawards/

complete a Student Profile at www.brocku.ca/studentawards/ before **March 31, 2006**.

• Work As You Learn

You can subsidize the cost of your education by participating in a Co-op program (see page 3) or by enrolling in Brock's one-of-a-kind EXPERIENCE Plus program (see page 48).

• Donor scholarships

You can also apply to many program specific donor sponsored scholarships. Details will be included in the information package that we will send you once you have applied to Brock, or you may visit our website at: www.brocku.ca/studentawards/

Become a Brock Student

Part 1: Admission Criteria for Ontario and Out-of-Province, Secondary School Applicants - Undergraduate (First Degree) Studies

Ontario

Admissions information for all undergraduate programs may be found on pages 52, 53 and 54. Use these pages as a reference to find out which courses are required for admission to your program. Ontario Secondary School students must present the OSSD and complete six Grade 12 U or M courses. All required courses will be included in the calculation of your overall admission average. **You can expect to receive an offer of admission to only one program. When more than one Brock program is indicated on the application, the highest choice listed for Brock will be considered first.** If not eligible for the first choice, we will consider your subsequent choices in the order of preference that you have indicated. If you apply to only one Brock program, and do not qualify, in most cases consideration will be given for an alternate and related program. If you apply for, but are not admitted to a Co-op program, you will automatically be considered for the regular non Co-op program.

All provinces and territories except Quebec

Grade 12 senior matriculation with high standing is required. Refer to the chart found on pages 52, 53 and 54 as a guideline for the types of courses that may be required for admission to your specific program.

Quebec

CEGEP General 1 (minimum of 12 academic courses) or Grade 12 with high standing is required. Advanced standing will be considered if you have completed a two- or three-year CEGEP program with high standing, to a maximum of five Year 1 credits. Refer to the chart found on pages 52, 53 and 54 as a guideline for the types of courses that may be required for admission to your specific program.

International Baccalaureate System

If you have been granted the IB diploma and have a cumulative grade total of 28, you may be considered for admission and may receive up to three transfer credits on the basis of higher level subjects completed with a grade of five or better.

Advanced Placement Program

Advanced Placement courses may be used to determine your admissibility and the granting of transfer credit or exemption. If you have completed Advanced Placement courses with a minimum grade of 4, you may be eligible to receive university credit to a maximum of 2.0 Brock credits. An official AP transcript is required as part of the evaluation process.

Part 2: United States, and International Secondary School Applicants - Undergraduate (First Degree) Studies

United States

A Grade 12 diploma with high grades is required. SAT scores would be helpful in the evaluation process. Refer to the chart found on 52, 53 and 54 as a guideline for the types of courses that may be required for admission to your specific program.

Other Countries

For information on your minimum academic credential required for admission, please visit <http://www.brocku.ca/registrar/admissions/intladmissions>. Meeting the minimum requirements does not guarantee you admission, as additional factors including academic standing, program choice, program prerequisites and English language proficiency are also part of our admission decision. Refer to the chart found on pages 52, 53 and 54 as a guideline for the types of courses that may be required for admission to your specific program.

Language Requirements - Proof of Proficiency in English

If English is not your first language, you will need to provide proof of your English language abilities. Proof may be any of the following:

- A minimum of three years of full-time study with satisfactory academic standing in an English language school system (where the primary language of instruction and evaluation was English) with acceptable grades in English and other humanities/social science courses from your senior secondary school year
 - Completion of the International Baccalaureate (IB) Diploma program where English was the language of instruction
 - Achievement of an overall Band Score of 70, with 60 in writing, and no other score under 60 on the Canadian Academic English Language Assessment (CAEL), or completion of the York English Language Test (YELT) with an overall category of 1 or 2
 - The acceptable minimum test score on one of the following: TOEFL 580 (TWE 4.5), TOEFL CBT 237 (TSE 4.5), MELAB 85, IELTS 7.0, ITELP 565
 - Successful completion of Level 5 of Brock's Intensive English Language Program (<http://www.brocku.ca/ielp/>)
- Students who do not meet Brock's English language requirements, and have high academic standing may apply for conditional acceptance. Please visit www.brocku.ca/ielp/ for more information.

Part 3: Admission Requirements for Applicants not Currently Enrolled in a Secondary School

Canadian University Transfer Applicants

If you wish to transfer from a Canadian university to Brock, you must present a minimum overall average of 60 per cent, or equivalent, with higher averages required where enrolments are limited. You must also be eligible to re-register at your home institution. Transfer credit will be assessed once you have applied to Brock, and will only be granted for those courses passed which are appropriate to your chosen program. If the grading scheme from your other university differs from that of Brock University, the grades will be translated into equivalent Brock grades and admissibility and transfer credit assessed in these terms.

Second Degree Applicants

If you are a graduate and already hold a degree from a Canadian university, you may apply for a second or subsequent undergraduate degree. You must have successfully completed your first degree with a minimum overall average of 65 per cent or equivalent, with higher averages required for some programs. A minimum number of Brock credits are required to complete a second degree.

Canadian Colleges of Applied Arts and Technology Transfer Applicants

If you are a graduate and already hold a diploma from a Canadian college, or wish to transfer to Brock from a diploma program at a college, you must meet any one of the following requirements: Graduates of a three-year college diploma program with a 70-per-cent overall, or a 70-per-cent average in the last two semesters of a three-year diploma program, will be considered for admission, and may be awarded up to five credits. In some cases, where programs at the college and Brock are quite compatible, up to seven credits may be awarded.

If you have completed two years of a three-year diploma program or have graduated from a two-year program with a minimum 70-per-cent overall average, you will be considered for admission and may be awarded up to three credits. In some cases, where programs at the college and Brock are quite compatible, you may be awarded up to five credits.

If you have completed one year of a college program, you may be considered for admission to first year with no transfer credits, provided that an average of 75 per cent has been achieved and the program is of an academic nature.

The awarding of transfer credit is based primarily upon the compatibility of the previous college program with the Brock program, course content, and the grades you achieved in the courses. Transfer credit will only be assessed after you have applied to Brock.

Part-Time Applicants

If you wish to study part-time at Brock, you must meet one of the admissions criteria outlined above. If you currently hold a Grade 12 secondary school diploma (or equivalent), but do not meet any of the criteria listed above, you must apply as a mature applicant (see below).

Mature Student Applicants

If you are not eligible for admission in any of the categories listed above, and you have been out of school for at least two years, and are at least 21 years old, you may be considered for admission as a mature applicant. If selected for admission, you would initially be limited to part-time study, and would need to achieve a minimum 60 per cent overall average on your first two credits. In support of your application, you will be asked to submit official copies of all pertinent academic records. In addition, you may be asked to submit a letter outlining your career ambitions, work experiences, and why you would be successful at university. An interview may also be required. Mature student admission is only applicable if you are a Canadian citizen or permanent resident.

Part 4: How to Apply for Co-op

You can apply for Brock Co-op programs directly from high school. A minimum high school average of 75-per-cent or greater is normally required in order to apply. You must also meet the admission requirements for the program you are interested in taking (see the admission chart on pages 52, 53 and 54). If you are accepted to the Co-op option of your degree program, you will receive a conditional offer of admission no later than June 1, 2006. International students are eligible to apply to all Co-op programs, with the exception of Accounting Co-op and Political Science Co-op.

Part 5: Admission Criteria for Graduate Studies

Specific requirements for admission are outlined in our graduate calendar at www.brocku.ca/gradstudies/. Typically, you should have completed an honours undergraduate degree that is relevant to the graduate program to which you wish to apply. You may access an application form from the Brock Graduate Studies website at www.brocku.ca/gradstudies

Part 6: How to Apply - Getting an Undergraduate Application Form

Your academic background and where you live will determine which application form you use to apply to Brock.

Grade 12 Secondary School Applicants	OUAC (Ontario Universities' Application Centre) 101 FORM Deadline: January 11, 2006	www.ouac.on.ca
U.S Applicants; International Applicants	OUAC 105F FORM Deadline: April 1, 2006	www.ouac.on.ca
Canadian Out-of-Province Applicants; Canadian University Transfer/Second Degree Applicants; Canadian College Transfer Applicants	OUAC 105D FORM Deadline: June 1, 2006	www.ouac.on.ca
Part-time Applicants; Mature Student Applicants	Brock Application Deadline: Mid-August, 2006	Brock University, Office of the Registrar 500 Glenridge Avenue St.Catharines, ON L2S 3A1 www.brocku.ca/registrar/forms/

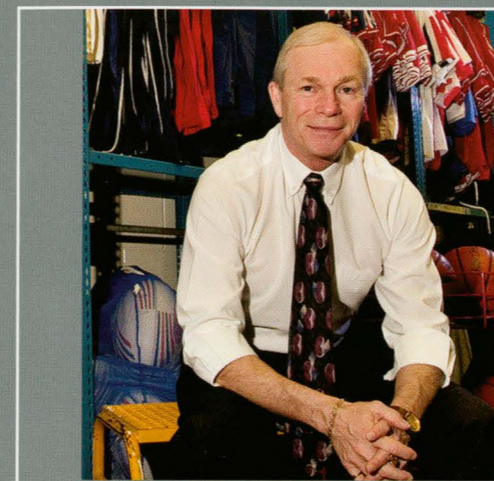
How to find out more!

1. Visit us! See tour details page 13
2. Check out our website: www.brocku.ca
3. E-mail us at liaison@brocku.ca
4. Call Recruitment and Liaison Services at 905-688-5550, ext. 4293

Admission Criteria (2006 Entry)

Ontario Secondary School students must present the OSSD and complete six 12 U or M courses*.

Programs and Majors	Specializations	Required Grade 12 Subjects*	Strongly Recommended Grade 12 Subjects	Comments	Expected Cut-off range for 2005 Entry
Faculty of Applied Health Sciences					
Child Health (BA)		• 12U English, 12U biology, 12U math (MDM***)			80%
Community Health (BA)		• 12U English, 12U math (MDM***), one from 12U biology, or 12U chemistry	• 12M Science and 12U Exercise Science		mid 70s
Health Sciences (BSc)		• 12U English, 12U biology, 12U chemistry, 12U math	• 12U Exercise Science		low 80s
Kinesiology (BKin)		• 12U English, 12U math, 12U biology	• 12U Exercise Science		low 80s
Kinesiology (BSc)		• 12U English, 12U AF&IC***, 12U biology, 12U chemistry (min 70% in chemistry)	• 12U Physics		high 70s
Nursing (BSc)		• 12U English, 12U biology, 12U chemistry (min 70% in each on required course)	• One 12U math	• Also offered as collaborative program with Loyalist College (CAAT)	mid 70s
Physical Education (BPhEd)	Disability Studies, General Studies, Movement Studies	• 12U English	• 12U Exercise Science		low 80s
Recreation and Leisure Studies (BRLS)	General, Outdoor Recreation, Inclusive and Therapeutic Recreation	• 12U English			mid 70s
Sport Management (BSM)		• 12U English			low 80s
Tourism Studies (BTS)	Tourism Administration, Tourism Planning and Development	• 12U English			mid 70s
Faculty of Business					
Accounting (BAcc)†		• 12U English, 12U math (AF&IC*** or MDM*** preferred)	• A second 12U math		high 70s Co-op: 80%
Business Administration (BBA)†	Accounting, Entrepreneurship, Finance, General Management, Human Resource Management, International Business, Marketing, Public Administration	• 12U English, 12U math (AF&IC*** or MDM*** preferred)	• A second 12U math		high 70s Co-op: 80%
Faculty of Education (Concurrent Education Programs only)					
For teaching at the Intermediate/Senior level (Grades 7-12)					
BA/BEd - Bachelor of Arts (Honours)/ Bachelor of Education (OUAC code: BAI)	Majors: Dramatic Arts, English, French, History, Geography, Visual Arts	• Dramatic Arts, English, History, Geography, Visual Arts majors: 12U English, 12U math French majors: 12U English, 12U French or Français, 12U math • Profile Questionnaire required by January 11, 2006.■		• Five-year program • Direct entry from secondary school	80% for consideration
BSc/BEd - Bachelor of Science (Honours)/ Bachelor of Education (OUAC code: BII)	Majors: Biological Sciences, Chemistry, Computer Science, Geography, Mathematics, Physics	• 12U English, 12U math, as well as any other prerequisites required for intended major • Profile Questionnaire required by January 11, 2006.■		• Five-year program • Direct entry from secondary school	80% for consideration
BPhEd/BEd - Bachelor of Physical Education (Honours)/ Bachelor of Education (OUAC code: BPI)		• 12U English, 12U math • Profile Questionnaire required by January 11, 2006.■		• Five-year program • Direct entry from secondary school	80% for consideration
Important Admission Notes					
* - All prerequisite (required) 12U or M subjects will be used in the calculation of the admission average.					
** - The relevant department will contact you with detailed information regarding auditions.					
*** - AF&IC = Advanced Functions and Introductory Calculus, G&DM = Geometry and Discrete Mathematics, MDM = Math and Data Management.					
**** - Applicants with 65%-69% in 12U Chemistry will be considered for admission, but will be required to pass a Chemistry proficiency test or complete Introductory Chemistry (CHEM 1P00) prior to enrolling in CHEM 1F92.					
† - Co-op is offered.					
■ - A Profile Questionnaire must be downloaded from www.ed.brocku.ca/pre-service/concurrent and submitted by January 11, 2006.					



Experience all that Brock has to offer



We're Number One!

In a recent *Globe and Mail* survey of student satisfaction, Brock was given the highest ranking among all Canadian mid-sized universities in terms of Quality of Education. Demand for a Brock education continues to grow, and our commitment to our students is consistently recognized.

Excellence in Teaching

Brock Professors John Mitterer and Lorne Adams were honoured in 2004 with the 3M Teaching Fellowship, the most prestigious national teaching award, presented to those who excel in their own teaching as well as demonstrating leadership and a commitment to improving university teaching across all disciplines.

Investing in our Future

Brock's investment in quality goes far beyond the classroom and includes constantly improving and increasing our student and teaching space. Brock has completed or commissioned more than \$160 million in construction on our campus over the last five years, and we continue to expand our list of outstanding facilities. Our newest project includes the construction a \$19.5-million facility to accommodate a new campus store, provide additional academic space, and house a Lifespan Development Research Centre, a unique resource in Canada dedicated to health research.

World-Renowned Programming

Brock programs have been recognized for excellence at both the national and international level. Our Faculty of Business is able to boast accreditation by the Association to Advance Collegiate Schools of Business (AACSB), the oldest and most respected accrediting body for business schools worldwide. Brock is also one of only five Canadian universities to meet national accreditation standards for both our Kinesiology and Physical Education programs, identifying Brock as offering the highest level of education available to students in these programs. These outstanding accomplishments, as well as those throughout all of our faculties, recognize the success of our programming and also of our graduates. It is no wonder that Brock graduates enjoy one of the highest employment rates of all Ontario universities at 97.2 per cent.



Programs and Majors	Specializations	Required Grade 12 Subjects*	Strongly Recommended Grade 12 Subjects	Comments	Expected Cut-off range for 2005 Entry
Computing and Solid-State Device Technology†		• Minimum 75% in 12U physics, two 12U maths including AF&IC*** (min 70% in one math)			mid 70s Co-op: 75%
Earth Sciences†, Environmental Geosciences†		• 12U math (min 70%), 12U chemistry**** (min 70%) one from 12U biology, 12U Physics, or 12U Earth and Space Science	• 12U English, second 12U math		mid 70s
Environment	• <i>Environment:</i> Biological Sciences, Chemistry, Environmental Geoscience, Physical Geography • Applied Environmental Science and Technology Co-op (AEST)†	• 12U chemistry,**** (min 70%) 12U math (min 70%), plus two (one-AEST) from 12U biology, 12U geography or 12U physics			mid 70s Co-op: 75%
Mathematics, Mathematics Integrated with Computing and Applications (MICA)	Pure Mathematics, Statistics	• 12U AF&IC*** and a second 12U math (G&DM preferred) min 70% in each	• 12U English		mid 70s
Neuroscience†	Neurobiology, Neuropsychology, Neuromotor	• 12U biology, 12U chemistry**** (min 70%), either one 12U math (min 70%) or 12U physics	• 12U English		mid 70s Co-op: 75%
Oenology and Viticulture†		• 12U math (min 70%), 12U chemistry**** (min 70%), two from 12U biology, 12U physics, or a second 12U math			75%
Physical Geography	Concentration in Geographic Information Science	• 12U math (min 70%), one from 12U biology, 12U physics, 12U chemistry**** (min 70%) or 12U Earth and Space Science	• 12U English	• Geographic Information Science Specialization joint program with Niagara College (CAAT)	mid 70s
Physics†		• 12U Chemistry****, (min 70%) 12U physics, and two 12U math including AF&IC*** (min 70% in one math)	• Third 12U math, 12U English		mid 70s Co-op: 75%

Faculty of Social Sciences (Arts) (BA)

Business Economics (BBE)†	• Financial Economics, Consumer Economics	• 12U English, 12U math (min 65%)			mid 70s Co-op: 75%
Child and Youth Studies		• 12U English	• one 12U math (MDM preferred)		high 70s low 80s
Communication Studies†	• Business Communications, Digital Culture, Media, Culture and Society	• 12U English			mid 70s Co-op: 80%
Economics†		• 12U English, 12U math (min 65%)			mid 70s Co-op: 75%
Canadian Studies, Environment†, Film Studies†, Geography, International Political Economy, Labour Studies, Political Science†, Popular Culture†, Psychology†, Sociology, Women's Studies	• <i>Environment:</i> Human Geography, Political Science, Sociology • <i>Geography:</i> Concentration in Geographic Information Science • <i>Political Science:</i> Public Law • <i>Sociology:</i> Criminology, Social Justice and Equity • <i>Human Geography, Political Science, Sociology, or Psychology:</i> Policing and Criminal Justice	• 12U English	• psychology majors: 12U math (MDM preferred)	• Policing and Criminal Justice collaborative program with Niagara College (CAAT)	mid 70s Co-op: 80%

Important Admission Note for all Applicants

Applicants can expect to receive an offer of admission to only one program. When more than one Brock program is indicated on the application, the highest choice listed for Brock will be considered first. If not eligible for the first choice, consideration will be given to subsequent choices in the order of preference the applicant has indicated. If an applicant applies to only one Brock program, and does not qualify, in most cases consideration will be given for an alternate, and related program. Students who apply for, but are not admitted to a co-op program, will automatically be considered for the regular non co-op program as long as a second or third choice is not on the application.

IMPORTANT DATES

September 30 - October 2, 2005 - Ontario Universities' Fair is held at the Metro Toronto Convention Centre.

October 16, 2005 - Brock Fall Preview Day, 1 p.m. - 4 p.m.

January 11, 2006 - Deadline for Ontario secondary school students to submit their 101 application forms to OUAC (out-of-province students should attempt to submit their applications around the same time). Applicants to Concurrent Education programs must submit their Profile Questionnaires by this date as well.

January 2006 - The earliest date out-of-province (Canadian) and international students can expect an offer of admission from Brock for September. Don't forget to respond by the dates specified in your offer!

February 2006 - A select number of offers of admission (including entrance scholarship and Co-op offers) will be issued based on high academic standing on final 11U/M grades, successful completion of at least one 12U/M course, and registration in prerequisite 12U/M courses. All offers will be conditional and subject to review based on April mid-term grades. If you have six final 12U/M grades you can expect to be considered for an offer of admission. If you are registered in second semester courses (for the purpose of upgrading or to satisfy prerequisite requirements) your offer will be subject to review based on April mid-term grades.

March 5, 2006 - Brock Open House, Noon - 4 p.m.

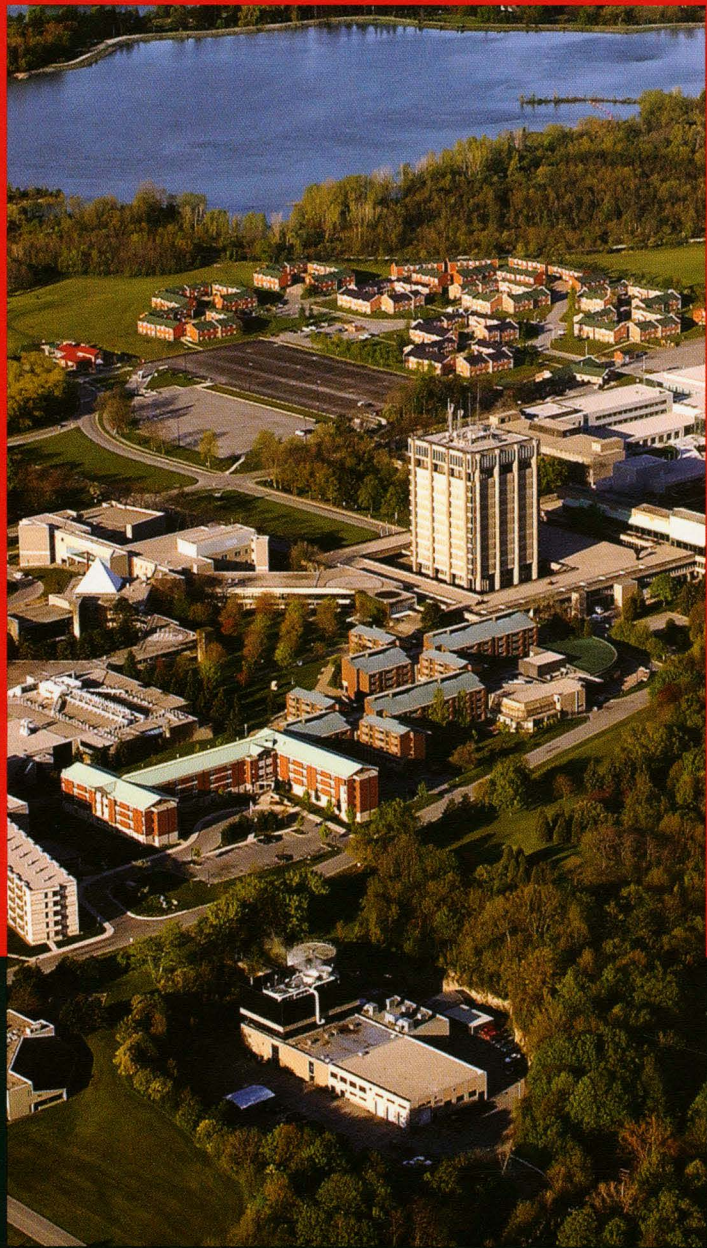
April 2006 - Offers of admission (including entrance scholarship and Co-op offers) will be based on a minimum of three final or six interim 12U/M grades, as well as registration in prerequisite 12U/M courses. All offers will be conditional and subject to review based on April mid-term grades.

Mid-May - Offers of admission (including entrance scholarship and Co-op offers) will be based on a minimum six interim/final 12U/M grades. Prerequisite grades will be calculated as part of the admission average. Applicants being considered at this time are given equal consideration as those that received offers in February or April. All applicants that received an offer of admission in February or April will be subject to review at this time. Revised offers, based on April mid-term grades, may be issued.

May 12, 2006 - The earliest date by which Ontario universities may require a response to an offer of admission from any Ontario secondary school student.

June 12, 2006 - Ontario secondary school students are required to respond to our offer of admission. Residence applications and deposits are also due at this time.

Summer 2006 - SMART Start: a day-long orientation program held for all first-year students and their parents.



**Brock
University**

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