



UNIVERSITY OF  
**TORONTO**  
SCARBOROUGH

Viewbook  
2013 | 2014

**Tomorrow is created here.**

UNIVERSITY OF TORONTO SCARBOROUGH

# Where do you go from here?



# Anywhere you want.

University of Toronto Scarborough offers the ambitious student unlimited possibilities for academic and personal growth through innovative programs and close interaction with Canada's leading faculty. Benefit from a vibrant campus life and the reputation that only "Canada's #1 research university"\* can provide.

## THE UTSC STORY

The Scarborough campus was established in 1964 out of a spirit of innovation and engagement. The vision for the university was to complement strong academic programs with experiential learning practices in an intimate and welcoming environment. The university has come a long way since those early days, when it was known as "Scarborough College," with the addition of new students, new faculty and new buildings. And, as you'll see in this viewbook, there are a lot of exciting changes on the horizon for the UTSC campus and student body.

*Ideas, insights, knowledge and opportunities await.  
Discover UTSC for yourself today.*

\*As ranked by Toronto-based RESEARCH Infosource Inc. and international ranking organizations such as the Higher Education, Evaluation and Accreditation Council of Taiwan (HEEACT); the University of Granada's SClmago research group in Spain; and Shanghai Jiao Tong University in China.

### 1 OVERVIEW

- 2 Find yourself at UTSC
- 5 UTSC Facts
- 6 UTSC One: iExplore
- 8 Experiential Learning

### 15 UTSC LIFE

- 17 Global Campus
- 18 Living in Residence
- 19 Student Support & Services
- 22 Athletics & Recreation
- 24 Campus Development

### 27 PROGRAMS

- 28 Humanities, Social Sciences & The Arts
- 36 Life Sciences & Health
- 42 The Environment & Physical Sciences, Computer & Mathematical Sciences
- 46 Management
- 50 U of T Co-op

### 56 HOW TO APPLY

- 57 The Application Process
- 58 Admission Requirements
- 62 Programs of Study
- 64 Scholarships, Fees & Financial Aid
- 66 Visit Us!





# *Find yourself at UTSC*

**AT UNIVERSITY OF TORONTO SCARBOROUGH, YOU'LL DISCOVER A WIDE RANGE OF PROGRAM OPTIONS SPANNING THE ARTS, SCIENCES, MANAGEMENT AND TEACHER EDUCATION.**

Many of our programs are unique for blending disciplines or complementing academic learning with hands-on experience. UTSC offers students the depth and academic rigour for which the University of Toronto is renowned, plus the benefit of studying in a contemporary campus environment that continues to add innovative programs to its curriculum.

186 program options

49 co-op options

205 clubs and associations

1 intimate campus located on 300 acres of green space

**For the right student, UTSC offers unlimited opportunities for personal and professional development.**



*Professor Marney Isaac takes her students into the field to learn about nutrient cycles and plant-soil interactions.*



## A DEGREE FROM THE UNIVERSITY OF TORONTO IS ONE OF THE MOST RESPECTED IN THE WORLD.

### Undergraduate

Programs are structured to be completed in four years except for Concurrent Teacher Education programs and the Co-op International Development Studies program both of which take five years to complete.

- ▶ Honours Bachelor of Arts: **HonBA**
- ▶ Honours Bachelor of Science: **HonBSc**
- ▶ Bachelor of Business Administration: **BBA**
- ▶ Bachelor of Education: **BEd**  
(via Ontario Institute for Studies in Education OISE/U of T)

### Graduate

(via the U of T School of Graduate Studies)

- ▶ Doctor of Philosophy in Environmental Science: **PhD**
- ▶ Doctor of Clinical Psychology: **PhD\***
- ▶ Professional Master of Environmental Science: **MEnvSc**
- ▶ Research components for:  
Master of Arts: **MA**  
Master of Science: **MSc**  
Doctor of Philosophy: **PhD**

\*Pending final approval.

## LEARNING FOR TODAY'S WORLD

The UTSC educational experience is continually evolving to give its students an edge when it comes to acquiring advanced degrees or gaining employment. On the path to achieving their goals, students seek answers that address real-world challenges.

Students can explore current issues in programs like New Media Studies or Strategic Management, or consider crossing traditional academic boundaries through programs in Biological Chemistry, Global Asia Studies or Neuroscience.

You can also customize your studies by creating unique combinations of double majors and minors. The result? Dynamic, relevant new programs that offer you countless academic and employment opportunities.

## PROGRAM COMBINATIONS

UTSC offers students the flexibility of pursuing multiple double-major combinations, such as the following examples:

- ▶ Anthropology and Women's & Gender Studies
- ▶ Biochemistry and Psychology
- ▶ Computer Science and Economics
- ▶ English and History
- ▶ Health Studies and Neuroscience
- ▶ Health Studies and Psychology
- ▶ Integrative Biology and Neuroscience
- ▶ Management and French
- ▶ Neuroscience and Psychology
- ▶ Political Science & Linguistics



“What I appreciated most about UTSC was that it is a very unique and friendly environment where people from diverse cultural backgrounds can interact and learn from each other.”

JUAN MA  
Graduate 2011, Economics for Management Studies

Winner of a 2011 Governor General's Award and the John Black Aird Scholarship for the highest marks among all graduating U of T students, Juan Ma came to UTSC as an international student from China. She appreciated the student life experience on campus and the opportunity to pursue her research interests, along with working as a Teaching Assistant for two years. Juan is currently pursuing her PhD at Harvard University.



Students on the UTSC campus have no shortage of resources to draw from. With the scale and population of a mid-sized Ontario University, UTSC has a full breadth of programs and support services that are available to assist you. What's more, we're part of the University of Toronto system, so students can access the resources that are associated with the largest university in Canada.



# UTSC Facts

STUDENTS FROM NEARLY

**80**

COUNTRIES

**765**

RESIDENCE SPACES

## PAN AM GAMES FACILITY

The new \$170-million Pan Am Aquatic Centre & Field House Complex will feature two Olympic-sized pools, along with extensive fitness and wellness facilities for our students and the local community, as well as for the upcoming Pan Am games in 2015.

**1,200**

COURSES OFFERED ANNUALLY

NUMBER OF STUDENTS  
**11,000**

**53**

SPECIALIST PROGRAM OPTIONS

MORE THAN

**180**

PROGRAM OPTIONS

NUMBER OF FACULTY

**316**

**41**

MAJOR PROGRAM OPTIONS

**205**

CLUBS AND ASSOCIATIONS

NUMBER OF ALUMNI  
**38,900**

**30**

MINOR PROGRAM OPTIONS

STUDENT-EXCHANGE AND STUDY-ABROAD PROGRAMS IN

**47**

COUNTRIES

**37**

SUPPORT SERVICES AVAILABLE TO STUDENTS

**49**

CO-OP PROGRAM OPTIONS

**59:41**

FEMALE / MALE RATIO





*Through exciting field trips and courses, UTSC students have the opportunity to take their learning into the real world. Photo credit: Nick Eyles*

## UTSC ONE: iEXPLORE

Broaden your first-year experience to discover your real academic or professional passions. UTSC One: iExplore is a suite of innovative courses that emphasize experiential learning and the practical application of academic themes – all in small-group settings. Accomplished instructors lead unique seminars, fieldwork and even travels abroad, designed to open your mind to a wide range of academic possibilities. Options include conducting geological fieldwork, designing and executing public opinion surveys, decoding the socio-economic commentary in early blues recordings or mapping your own genome sequence. Courses are available in the Fall and Winter terms, but most are conveniently offered in the third trimester through the UTSC One: iExplore Summer Institute. To find out more, visit [www.utsc.utoronto.ca](http://www.utsc.utoronto.ca).

## INSPIRATIONAL LEARNING ENVIRONMENT

You have to be here to really appreciate it. Leading researchers, at the cutting edge of their fields, bring fresh thinking into the classroom. Knowledge-hungry undergraduates find opportunities to help out on research teams in search of the next big breakthrough or insights that can change our world. Top instructors bring out the best in their students. Students and faculty take inspiration from their peers as well as from guest speakers who engage with the issues of the day, whether it's climate change, poverty, genetically engineered food or the need to make a difference in the community.



*Professor Matthew Wells inspires his students by bringing his research on wave action and fluid dynamics to class.*



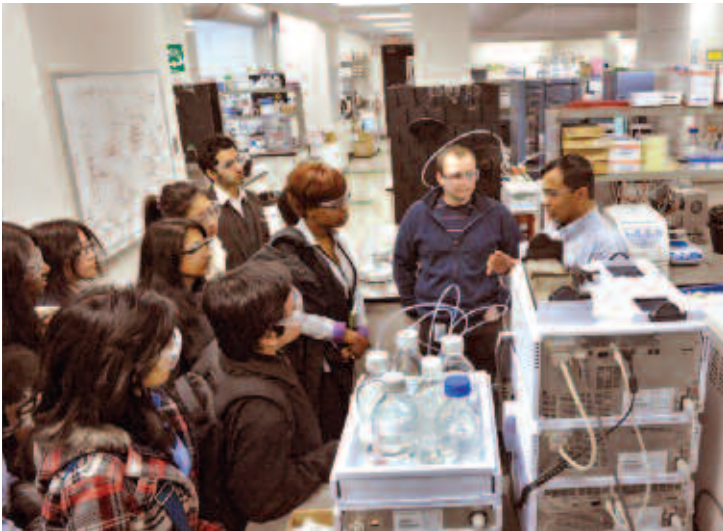
"I work to find ways to make conservation sustainable for everyone. And I want my students to carry this torch forward." PROF. THEMBELA KEPE

As a human geographer who grew up in Apartheid South Africa, Professor Thembela Kepe has a unique perspective to share. Through engaging lectures and field trips, Kepe's students learn the importance of a commitment to social justice as we all work towards a healthier planet.

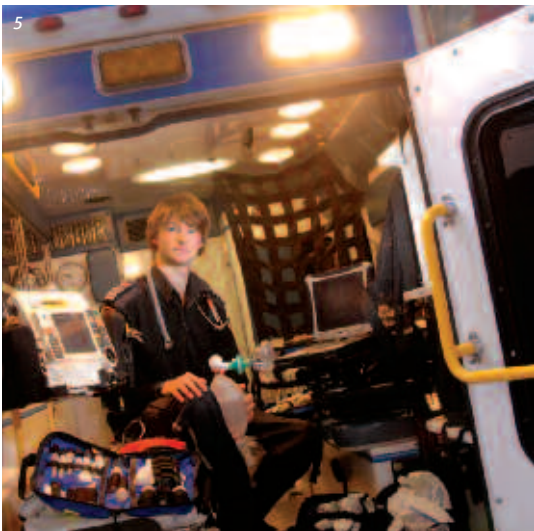




1. Explore theory and practice in **VISUAL & PERFORMING ARTS**. 2. **VOLUNTEER IN THE COMMUNITY**. 3. Learn at a prestigious **RESEARCH** institute like Toronto's MaRS Centre.



4. Broaden your perspective with **GUEST LECTURERS**. 5. Test your theories with **HANDS-ON PROGRAMS**. 6. Or see the world through **INTERNATIONAL DEVELOPMENT STUDIES**.



“When we engage with the world in meaningful ways, we have an opportunity to broaden our critical considerations – and then bring that understanding back to enrich our academic inquiry.”

PROF. RICK HALPERN  
Dean, University of Toronto Scarborough

EXPERIENCE  
LIFE AS A SCIENTIST

Community service programs, like Service Learning & Outreach and Let's Talk Science, give students opportunities to gain practical experience in advanced research or in sharing their passion for science with the youth in the community.

# Experiential Learning

**EXPERIENCE MATTERS. THE CLASSROOM IS ONLY ONE PART OF THE ACTIVE LEARNING THAT TAKES PLACE HERE.**

UTSC was one of the first Canadian universities to offer Co-operative learning to its students. We have since introduced a number of additional options for experiential learning such as innovative program-specific volunteering and field courses, and international exchanges.

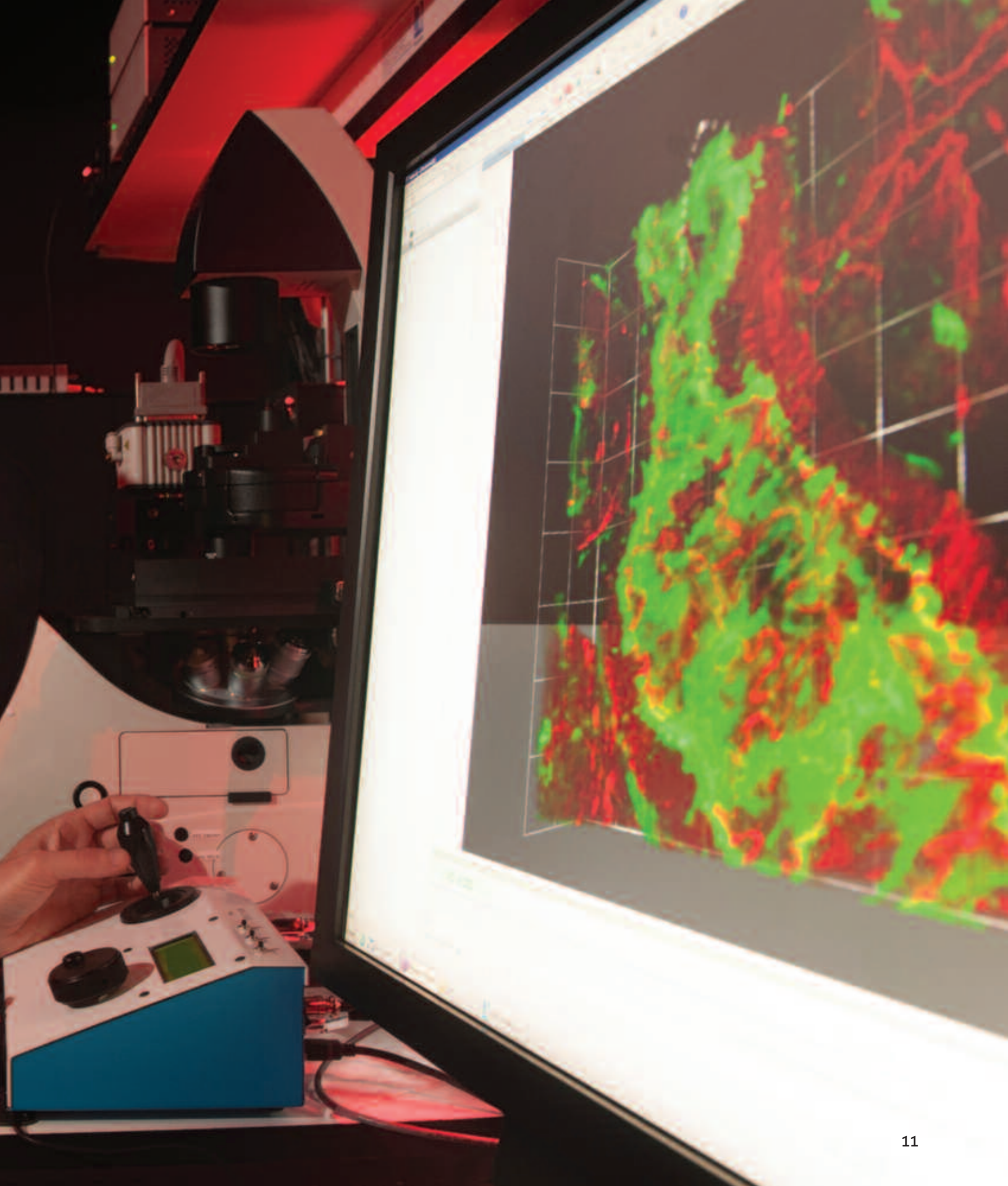
Faculty take students of environmental science or biology on [FIELD COURSES](#) to areas of scientific interest in Canada, the USA, the Caribbean and Latin America.





*UTSC students have the opportunity to participate in research with professors like Rene Harrison, who conducts cutting-edge studies on bone-wasting disorders like osteoporosis. Here, Professor Harrison analyzes a fluorescent image of cells on a spinning-disk confocal microscope.*

*Picture yourself here.*





## EXPERIENCE FOR A HEAD START

UTSC's commitment to experiential education means that students have plenty of opportunities to 'learn by doing.' Mingyuan Li, an undergraduate student in Professor Herbert Kronzucker's electrophysiology laboratory, co-authored his first peer-reviewed research paper after only his second year of study. Li could have three major journal articles in-press by the time he graduates.

*Mingyuan Li studies the membrane potential in root systems of plants like rice and barley.*



Events beyond the classroom will connect you in new and exciting ways to the world, and will deepen your sense of self. Our Watts, Snider and Perspectives on Leadership lecture series, the world rhythms dance performances and the contemporary art shows at the Doris McCarthy Gallery are just a few of the hundreds of extracurricular experiences offered at UTSC.

To fully appreciate the wealth of opportunities offered at UTSC, you need to experience the campus and the city we call home. This is a dynamic and diverse environment. Here, thinking globally comes naturally. The same threads that bind our campus to our surrounding community enable you to engage with faculty, fellow students, leaders, partners and employers.

*The '1 Love UTSC' campaign, launched by students in 2011, has united a diversity of student groups and clubs under one proud banner.*



## WHAT DOES ALL THIS MEAN FOR YOU?

It means you are always learning, always growing and always bringing new ideas back to the classroom.

It means you'll discover what you want to learn and why.

It means you'll gain relevant and practical skills that will ensure your advancement in your chosen field.

It means you're going to have an amazing time.



“Chemistry is all around us. We live and breathe it every day. I try to teach my students how to ask and answer difficult scientific questions, so that one day they might make discoveries of their own.” PROF. BERNIE KRAATZ

Groundbreaking researcher Prof. Bernie Kraatz is obsessed with chemistry. His research team at UTSC explores the weird and wonderful world of functional biomaterials, and when he teaches he imparts his enthusiasm for the subject to his students.





**JUST A FEW OF THE  
200+ CLUBS AND  
ASSOCIATIONS  
YOU'LL FIND AT UTSC...**

**Academic Clubs**

Pre-Optometry Club  
Health Studies Students'  
Association  
Linguistics Club

**Athletic Clubs**

UTSC Scartan Dragonboat Crew  
Scarborough Campus  
Athletics Association

**Community Clubs**

Frontier College at UTSC  
Students in Free Enterprise  
UTSC Rotaract

**Cultural Clubs**

African Students' Association  
Chinese Undergraduate Association  
South Asian Alliance  
Greek Students' Association

**Recreational Clubs**

DECA U  
The Comic Book Club  
Spoetic  
UTSC Music Ambassadors Program

**Service Clubs**

Fundraising for International  
Development  
University Students' Charity  
Organization

**Student Media Society**

Fusion Radio  
The Underground Magazine

**Student Governance Society**

Scarborough Campus  
Students' Union

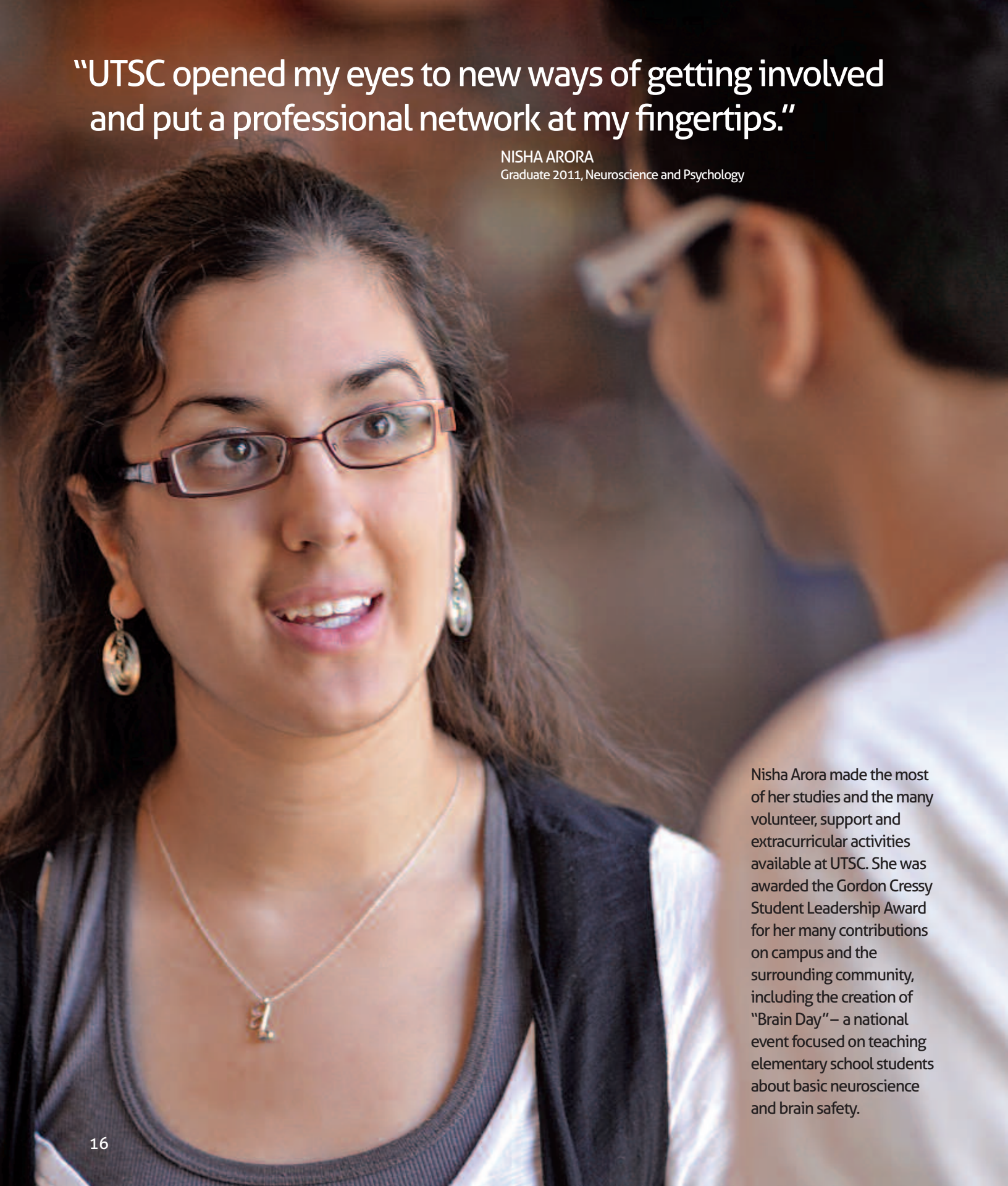


# UTSC Life

**Ask UTSC grads about some of their favourite moments at university and, chances are, many of them will say they took place outside of the classroom. Whatever your interests, whatever your passions, whatever it is that really moves and excites you, you'll find it at UTSC.**

**The UTSC campus is bursting with opportunities to explore your passions and interests and to connect with people through a wide variety of clubs and associations – everything from athletics and recreation to religion, media, culture and a wide variety of academic specialties.**





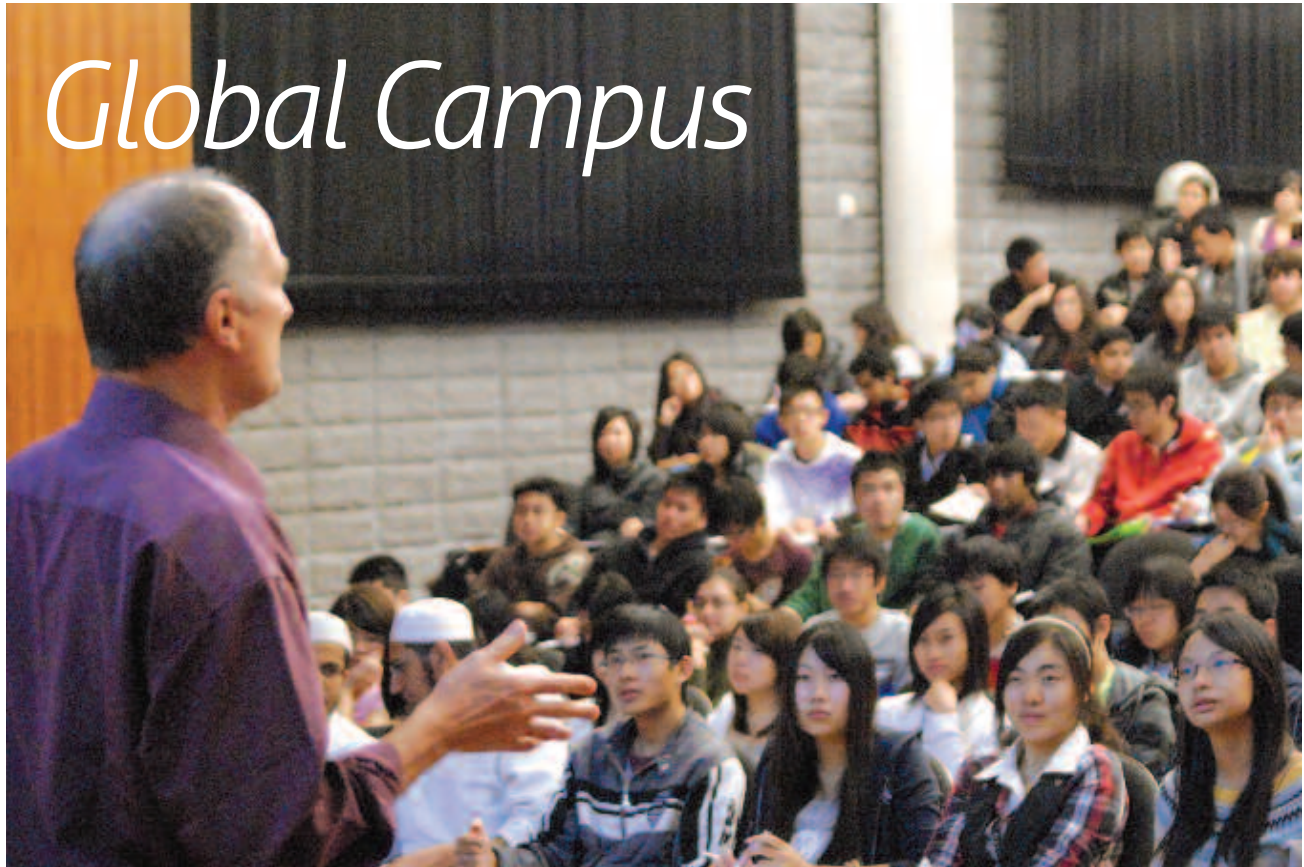
“UTSC opened my eyes to new ways of getting involved and put a professional network at my fingertips.”

NISHA ARORA  
Graduate 2011, Neuroscience and Psychology

Nisha Arora made the most of her studies and the many volunteer, support and extracurricular activities available at UTSC. She was awarded the Gordon Cressy Student Leadership Award for her many contributions on campus and the surrounding community, including the creation of “Brain Day” – a national event focused on teaching elementary school students about basic neuroscience and brain safety.



# Global Campus



**UTSC IS A TRULY GLOBAL CAMPUS – WHERE THE WORLD COMES TO STUDY AND WHERE OUR STUDENTS STUDY THE WORLD.** International study options are offered in 47 countries around the world. Through programs on campus, students engage in the kind of global discourse that can only occur at a university that boasts students from more than 150 countries.

## INTERNATIONAL STUDY

UTSC students have the opportunity to earn portions of their degrees on student-exchange or through study-abroad programs in 47 countries around the world:

Argentina	Italy
Australia	Jamaica
Austria	Japan
Barbados	Jordan
Belgium	Kenya
Bosnia	Korea (South)
Brazil	Mexico
Canada	Netherlands
Chile	New Zealand
China/Hong Kong	Norway
Croatia	Poland
Czech Republic	Scotland
Denmark	Serbia
Ecuador	Singapore
England	Slovenia
Estonia	South Africa
Finland	Spain
France	Sweden
Germany	Switzerland
Ghana	Taiwan
Hungary	Trinidad & Tobago
India	USA
Ireland	Wales
Israel	



*Above, left: students mark the Tamil New Year with traditional sand painting.  
Above, right: International Development Studies student Leslie Campbell (centre, back row) working as an Agricultural Program Assistant in Thailand through CUSO/VSO Canada.*





*Life in residence at UTSC is designed to support students in their academic development. Led by Academic Programmers & Promoters (APPS), students in residence live with roommates who are in the same academic program. Faculty, staff and academic learning services all work together to contribute to the academic progress of residents and to provide them with an educational advantage.*

#### OUR GUARANTEE

All first-year students who indicate that they wish to live in residence on their OUAC application and who apply before the specified deadlines are guaranteed a space in residence. This guarantee applies regardless of how close you live to campus.

# Living in Residence

In addition to being safe, comfortable places to stay, residences at UTSC offer students the chance to develop their independence while discovering and being part of an active, close-knit community. You will be living in furnished, well-maintained townhouses and suites while enjoying support from fellow students and residence staff.



#### OUR FACILITIES

- ▶ All residences are less than a five-minute walk from the academic buildings and are located near the best scenic spots on campus.
- ▶ We offer 765 rooms in both townhouse and apartment-style accommodations.
- ▶ Each unit is self-contained and fully furnished, with bedrooms, a bathroom, a kitchen and a living room/dining room.
- ▶ There are four to six students per unit, with 91% single-occupancy bedrooms.
- ▶ First-year students reside in same-gender units.
- ▶ Wireless Internet service (included in the residence fees).
- ▶ Accessible accommodations are available for students with accessibility needs.
- ▶ Optional declining balance meal plans and healthy eating seminars are available.



# Support. We are here to help you succeed.

**ACADEMIC ADVISING & CAREER CENTRE** offers walk-in advice and information: appointments and seminars on developing study skills, academic and career plans; self-development resources; employment and job shadowing programs; special events.

**ACCESSABILITY SERVICES** identifies, removes and prevents barriers for students with disabilities to ensure an equal opportunity to participate in our academic and social communities.

**CENTRE FOR TEACHING & LEARNING** links students with specialists and instructors in writing, English Language Development, math and stats, service learning, presentation skills and more. Through workshops, one-on-one appointments, cafés, study groups and clinics, students enhance their academic skills (e.g. written and oral communication, critical reflection and analysis) to more effectively engage with course material.

**DEPARTMENT OF STUDENT LIFE** helps students become engaged within the campus and external community and offers a variety of leadership, community-service, and first-year programs.

**HEALTH & WELLNESS CENTRE** provides services similar to those offered by your family doctor; confidential personal counselling; and health promotion through Peer Wellness Programs.

**UTSC LIBRARY** is part of the largest library system in Canada, with knowledgeable and approachable librarians and staff to help you navigate its many resources and services. You can also get material delivered to UTSC from any of U of T's 43 other libraries. Connect with your subject librarian for discipline- and course-specific research assistance, or go online to take advantage of the library's digital research guides and chat-based research help.

## STUDENT SERVICES & RESOURCES

Arts & Events Programming  
Athletics & Recreation  
Bookstore  
Copykats Printing Services  
Department of Student Life  
English Conversation Programs  
Financial Aid  
Health & Wellness Centre  
Information and Instructional  
Technology Services  
International Student Centre  
Leadership Development Program  
LGBTQ Lounge  
N'sheemaehn Child Care Centre  
Office of Student Affairs  
Registrar's Office  
Student Housing & Residence Life  
Student Mentorship Program  
University Police & Parking Services  
Volunteer Network Program  
Women's Centre  
WUSC Refugee Program

## ACADEMIC SUPPORT SERVICES

Academic Advising & Career Centre  
AccessAbility Services  
Ask-A-Librarian Online Chat Service  
Centre for Teaching & Learning  
English Language Development  
Facilitated Study Groups  
First Generation Programs  
Learning Skills Services  
Library Research Skills  
Library Services  
Math & Stats Help Centre  
Presentation Skills  
Service Learning & Outreach  
Summer Learning Institutes  
Writing Centre





*Our brand-new Instructional Centre – home to UTSC's Co-op programs and the departments of Management and Computer & Mathematical Sciences – features state-of-the-art lecture halls and a cutting-edge finance lab for trading-floor simulations, replete with an LCD stock ticker, all surrounding a spectacular four-storey atrium (shown here). As with every building at UTSC, the Instructional Centre offers wireless internet and study space available to students for working on assignments, catching up on reading and collaborating with classmates.*

*Picture yourself here.*







# Athletics & Recreation

## FACILITIES

- ▶ Double gym
- ▶ Strength and Conditioning Centre
- ▶ Cardio theatre
- ▶ Cyclefit room
- ▶ 7 squash courts
- ▶ Studio for aerobics, pilates, yoga, dance and martial arts
- ▶ 11 tennis courts
- ▶ Soccer, rugby and football fields
- ▶ Golf studio
- ▶ Pathways for walking, jogging, biking and in-line skating
- ▶ Athletic lounge
- ▶ Saunas
- ▶ Home of "Dan Lang Field" – the University of Toronto's baseball diamond – and the Varsity Blues baseball program

## MANY UTSC STUDENTS RAVE ABOUT THE MULTITUDE OF CAMPUS ATHLETICS AND RECREATION ACTIVITIES.

Indeed, their enthusiasm may explain why many of the Tri-Campus Championships – intramural competitions between students at the Scarborough, Mississauga and St. George campuses – are won by UTSC students. Fitness enthusiasts and athletes of all levels and skills are welcome.





## TEAM SPORTS

**Varsity** – U of T’s Varsity Blues sports teams gather elite athletes from across all three campuses to compete against other universities.

**Intramural** – Organized competition among all three U of T campuses.

**Interhouse** – Individuals or groups of friends form teams and play recreationally or competitively.

## FITNESS & INSTRUCTIONAL PROGRAMS

UTSC offers basic, intermediate and advanced fitness and instructional classes.

♂ Men ♀ Women

	VARSITY	INTRAMURAL	INTERHOUSE	INSTRUC-TIONAL PROGRAM
Archery				♂ ♀
Athletic conditioning				♂ ♀
Badminton	♂ ♀	♂ ♀		♂ ♀
Ball hockey			♂ ♀	
Baseball	♂			
Basketball	♂ ♀	♂ ♀	♂ ♀	
Belly dancing				♂ ♀
Cheerleading	♀			
Cricket		♂ ♀	♂ ♀	
Cross-country running	♂ ♀			
Curling	♂ ♀			
Cyclefit				♂ ♀
Fast pitch	♀			
Fencing	♂ ♀			
Field hockey	♀	♀		
Figure skating	♂ ♀			
Fitness classes				♂ ♀
Flag football		♂ ♀	♂ ♀	
Football	♂			
Golf	♂ ♀			♂ ♀
Hip hop dance				♂ ♀
Ice hockey	♂ ♀	♂ ♀		
Indoor hockey	♀			
Indoor soccer		♂ ♀	♂ ♀	
Jiu-jitsu				♂ ♀
Karate				♂ ♀
Kung fu				♂ ♀
Lacrosse	♂ ♀	♂ ♀		
Latin dance				♂ ♀
Lyrical jazz				♂ ♀
Mountain biking	♂ ♀			
Muay Thai				♂ ♀
Nordic skiing	♂ ♀			
Personal fitness training				♂ ♀
Pilates/Yogalates				♂ ♀
Rowing	♂ ♀			
Rugby	♂ ♀	♂		
Soccer	♂ ♀	♂ ♀	♂ ♀	
Softball		♂ ♀		
Squash	♂ ♀	♂ ♀		♂ ♀
Strength training				♂ ♀
Swimming	♂ ♀			
Table tennis				♂ ♀
Tennis	♂ ♀	♂ ♀		
Track & field	♂ ♀			
Ultimate Frisbee		♂ ♀		
Volleyball	♂ ♀	♂ ♀	♂ ♀	
Water polo	♂ ♀	♂ ♀		
Wrestling	♂ ♀			
Yoga				♂ ♀



# Building a Great Campus Experience

## UTSC IS RECOGNIZED FOR ITS DISTINCTIVE ARCHITECTURE.

Renowned and contemporary buildings, surrounded by 300 acres of lush green space and the Highland Creek Ravine, create spaces that offer ample opportunities for interaction, reflection and study.

It's a wonderful campus story that will start a new chapter with the addition of two exciting new developments.



The \$78-million **INSTRUCTIONAL CENTRE** opened its doors to students and faculty in 2011 with more than 15,000 square metres of labs, seminar rooms, classrooms, offices and food services.



In 2015 UTSC will host the athletes of the Pan Am Games with a new \$170-million **AQUATICS AND ATHLETICS COMPLEX** featuring two Olympic-sized swimming pools, running tracks and a wide range of elite fitness and training facilities, which will be accessible to students and the surrounding community, further enhancing UTSC and its significant role in the Greater Toronto Area.

These new buildings – and a Master Plan for many more additional improvements – point the way to a bold, new campus that will continue to provide leadership, education and recreation for years to come.





*The UTSC campus experience extends throughout Scarborough – a vibrant, diverse urban community of 25 neighbourhoods that comprises one-third of the City of Toronto. Savour ethnic cuisine and enjoy city life. Explore hiking trails, unique parkland and the Toronto Zoo. Reflect, relax or play in the ravines, the bluffs and the Rouge Valley.*

*UTSC students can enjoy the myriad offerings of Scarborough and its environs, from local community festivals to Bluffer's Park and the aquarium at the Toronto Zoo.*



Photo courtesy of Pierre Falzon











# Programs

*At UTSC, excellent teachers who are also top researchers and respected experts inspire their students to think critically about topics of global concern. Political science professor Phil Triadafilopoulos is a leading scholar on immigration and citizenship policy. He recently appeared on TVO's The Agenda to add his perspective to a panel discussion on the future of immigration in Canada.*

**Discover the answers that you seek.**

**Gain the experience you're looking for.**

**Learn from top faculty.**

**Explore UTSC.**

## PROGRAMS FEATURE BREADTH & DEPTH

Choose from more than 180 program options spanning arts, science, management and teacher education. Immerse yourself in a subject through a specialist program or broaden your perspective through multidisciplinary courses or combinations of majors and minors.

# *Humanities, Social Sciences & the Arts*



**WE LIVE IN A MEDIA-SATURATED,  
INTERCONNECTED GLOBAL VILLAGE.**

But what does it mean to live  
in this type of society? How do we  
understand our differences, our  
diversity? And how do we build  
connections? Ask the big questions  
that both challenge and inspire  
you and open yourself up  
to a world of possibilities.





PROGRAMS

*Above Left: Humanities students have the opportunity to learn from professors like award-winning scholar Natalie Rothman, an expert on the history of the Mediterranean in the early modern period. Above Right: Prof. Susannah Bunce (centre) pioneered the community outreach initiative of the City Studies program, an innovative social sciences major designed to get students actively engaged with the neighbourhoods surrounding UTSC.*

## HUMANITIES, SOCIAL SCIENCES & THE ARTS AT UNIVERSITY OF TORONTO SCARBOROUGH

At UTSC, both traditional and cutting-edge programs bring the humanities, social sciences and arts to life. Dig into Anthropology or Political Science. Or explore your creative passions with our Visual and Performing Arts program, which applies an academic framework to music, theatre and performance studies, art history, studio, and arts management. Become a better informed member of the global community and grapple with relevant social issues such as the impact of globalization, the rise and decline of urban environments and the politics of immigration. Leading faculty and students cross traditional academic boundaries, cultures and even media to discover new ideas about their subjects and themselves.

“It’s a pleasure to help the students on the multicultural and multiethnic UTSC campus fulfill their deep interest in the historical formations of culture in Asian societies and the diaspora.”

PROF. JIN-KYUNG PARK  
Global Asia Studies

### GLOBAL ASIA STUDIES FILLS A NICHE

Asia has become increasingly important in today’s world, and UTSC’s exciting, new humanities program examines East and South Asia in a global context. New courses draw from disciplines of history, media, religion, law, visual culture, literature, gender and women’s studies, and language study.

### WHERE DO YOU GO FROM HERE?

A UTSC arts degree opens doors in both the private and public sectors and creates opportunities for professional or graduate studies. Many UTSC graduates have become accomplished lawyers, journalists, speech language pathologists, teachers, curators, social workers and professionals in many other fields. They are in demand in competitive corporate environments because of their strong analytical and communications skills, as well as their versatility and global perspective.

**“A lot of people have invested in me and taught me things that inform the person I am today. If I impact just one life, then my time will have been well spent.”**

BEULAH ERHIAWARIEN  
Graduate 2012,  
International Development Studies

For Beulah Erhiawarien, the UTSC experience involved much more than just academics. As student coordinator of the IMANI Mentorship Program, which partners middle-school and high-school students from communities in East Scarborough with UTSC undergraduate student mentors, Beulah helped others discover their full potential, while developing unique skills and a deeper understanding of herself in the process.







## HUMANITIES

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>African Studies</b>	Hon BA (Minor)	Non-Co-op: TSA	Explores African histories, cultures, economies, political systems, artistic expression and systems of belief in global context.
<b>Classical Studies</b>	Hon BA (Minor)	Non-Co-op: TSA	Studies ancient Greek and Roman worlds over several millennia including the peoples and cultures that were part of or interacted with those civilizations.
<b>Concurrent Teacher Education – French</b>	Hon BA, BEd (Specialist)	Non-Co-op: TEA	Prepares candidates to become French teachers at the elementary (Kindergarten to Grade 6) or secondary (Grades 7 to 12) school levels. Bursaries are available for enhancement of language skills in francophone environments such as France or Quebec.
<b>English</b>	Hon BA (Specialist, Major)	Non-Co-op: TSA; Co-op: TXA	Courses emphasize both traditionally recognized 'great works,' and new areas of study to examine how we use language to respond imaginatively to our experiences.
<b>French</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSA; Co-op: TXA	Courses encompass language and linguistics, as well as the culture and literature of francophone countries.
<b>Global Asia Studies</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSA	Extensive and intensive study of Asian societies and their global ramifications with a broad concentration on East and South Asia.
<b>History</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSA; Co-op: TXA	Reflects the belief that no aspect of today's world is fully understandable without an appreciation of how it has developed.
<b>Journalism</b>	Hon BA (Specialist) <i>Plus a diploma from Centennial College</i>	Non-Co-op: TSJ	Combines the academic study of media theories and critical practice with hands-on experience in electronic, print and broadcast media. A field placement and a course on career management are offered. Students may also incorporate studies in other areas of interest such as science, technology, arts and entertainment.
<b>Linguistics Psycholinguistics</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSA; Co-op: TXA	Studies the science of language: structures (speech sounds, words, sentences and discourse), acquisition, processing, disorders and social contexts.
<b>Philosophy</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSA; Co-op: TXA	Investigates reality, knowledge, morality, science, concepts of rationality and our relationship to the world, while fostering a questioning attitude, critical awareness, and clarity of thought.
<b>Religion</b>	Hon BA (Minor)	Non-Co-op: TSA	This interdisciplinary program provides a basic understanding of the tenets of the world's major religions and an opportunity to understand their importance in world affairs.
<b>Women's &amp; Gender Studies</b>	Hon BA (Major, Minor)	Non-Co-op: TSA; Co-op: TXA	Examines the development, transmission and transformation of ideas and attitudes about women and gender across different periods and cultures and challenges students to work for change and equity.

## LANGUAGE CITATION

Students who have completed an intensive level of study in any of the languages offered can earn a Language Citation. The citation acknowledges language proficiency on the student's university transcript.

## SOCIAL SCIENCES

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Anthropology</b>	Hon BA/BSc (Specialist, Major, Minor)	Non-Co-op: TSS	Investigates the origin, development and nature of humans and their culture and the contemporary lives of people across the globe.
<b>City Studies</b>	Hon BA (Major)	Non-Co-op: TSS; Co-op: TXA	Facilitates the application of knowledge on the growth, sustainability and livability of cities to fields of professional interest such as architecture, city planning, community development, real-estate brokerage and law.
<b>Diaspora &amp; Transnational Studies</b>	Hon BA (Major, Minor)	Non-Co-op: TSS	Examines the historical and contemporary migrations of peoples, as well as the complex problems of identity and the creative possibilities to which movements give rise.
<b>Geography (Physical &amp; Human)</b>	Hon BA (Major, Minor)	Non-Co-op: TSS	Looks at the complex relationships between society and the natural environment and the social and economic problems of human land use and settlement.
<b>Health Studies</b>	Hon BA/BSc (Major, Minor)	Non-Co-op: TSS; Co-op: TXA	Investigates the social characteristics of health and how health systems and public policy can be designed to promote well-being. Students who select the Health Studies Major can now focus their studies through one of two new program streams: Population Health (BSc) and Health Policy (BA).
<b>International Development Studies</b>	Hon BA/BSc (Specialist, Major)	Non-Co-op: TSS; Co-op: TSD	Facilitates a critical understanding of interrelationships between world regions by exploring political, economic, social and environmental issues as they are intertwined with poverty and oppression.
<b>Political Science</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSS	Examines how society organizes and governs itself with an emphasis on power and authority, citizenship and governance, justice and legitimacy.
<b>Public Policy</b>	Hon BA (Major)	Non-Co-op: TSS; Co-op: TXA	Provides the skills to understand the development, implementation and evaluation of policies.
<b>Sociology</b>	Hon BA (Specialist, Major, Minor)	Non-Co-op: TSS	Studies human interaction and how societies function. Through scientific methods of data collection and analysis, sociologists produce theories to account for human social behaviour.

### ARTIST AWARDED GOVERNOR GENERAL'S MEDAL FOR THE ARTS

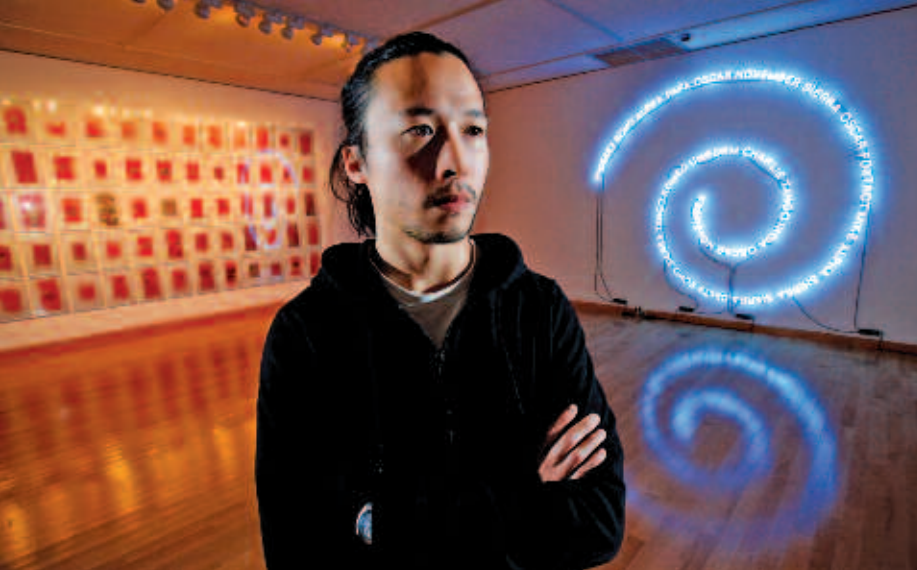
Tanya Mars, a senior lecturer and program supervisor in Visual & Performing Arts was honoured with the Governor General's Award for artistic achievement in visual and media arts in 2008. Cited as one of Canada's most innovative multidisciplinary artists, Mars has been active in the Canadian alternative arts scene since the early 1970s. Her dramatic, humorous and satirical works – ranging from performance to sculpture and video – have influenced an entire generation of Canadian artists.



### ARTS & EVENTS

UTSC is a prime destination for social and cultural events in the eastern GTA. With deep connections to the Humanities academic curriculum, the UTSC Arts & Events Programming office enlivens the campus experience with more than 100 cultural events a year – ranging from musical and drama performances, film screenings and exhibitions to literary readings, speakers and conferences. Most events are free and open to the public.





## WILL KWAN

*Graduate 2002, Studio Arts*

Faculty member and internationally renowned visual artist Will Kwan has come full circle. Since graduating from UTSC, Will Kwan has been invited to participate in numerous art exhibitions and prestigious residency programs around the world in recognition of his leading-edge work in installation, video and photography. Along with his demanding practice, Kwan now gives back to his alma mater as an instructor in the Studio Arts program, which he values for its strong foundations in traditional and non-traditional art technique and the broader perspective it gives students on the role of art in a world that is saturated in digital culture.

*Photo of Will Kwan by David Cooper for the Toronto Star.*

## THE ARTS

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Art &amp; Culture – Studio Stream</b>	Hon BA (Specialist)	Non-Co-op: TSA	Provides interdisciplinary training in the visual and performing arts.
<b>Art History</b>	Hon BA (Major, Minor)	Non-Co-op: TSA	Explores diverse forms of world art and the histories and theories that have been used to explain them.
<b>Arts Management</b>	Hon BA (Specialist)	Non-Co-op: TSA	Covers the business side of the not-for-profit arts industry, including fundraising, marketing, planning and human resources.
<b>Literature &amp; Film Studies</b>	Hon BA (Minor)	Non-Co-op: TSA	Offers students a chance to study cinema within the broader context of 20th-century literature and culture. Explores how cinema emerged alongside globalization, communication technologies and industrialization, and how cinema and literature helped society make sense of these changes.
<b>Media Studies</b>	Hon BA (Minor)	Non-Co-op: TSA	Provides students with theoretical tools to aid understanding of the history and growth of media, how various media industries manufacture and manage information, and what the increasing predominance of visually-communicated information means for contemporary society and understandings of the self.
<b>Music &amp; Culture</b>	Hon BA (Major, Minor)	Non-Co-op: TSA	Offers a diverse range of dynamic, interrelated courses including music history and culture, world music, theory and composition and performing ensembles.
<b>New Media Studies†</b>	Hon BA (Major) <i>Plus an optional certificate from Centennial College</i>	Non-Co-op: TSA	Integrates theories and skills from the creative, interpretive and technical disciplines of both digital communications and design. Learn to use various digital tools to create new kinds of media representations and explore and expand the traditional knowledge domains.
<b>Studio (Fine Art)</b>	Hon BA (Major, Minor)	Non-Co-op: TSA	Encompasses contemporary art theory and practice including drawing, painting, photography, sculpture, performance, video, installation, conceptual art, digital new media, sound works and kinetics.
<b>Theatre &amp; Performance Studies</b>	Hon BA (Major, Minor)	Non-Co-op: TSA	Courses allow students to become acquainted with practical theatre production as actors, directors and technicians. Theoretical courses explore theatre history, and writing about and for the live theatre.

### APPLICATION NOTES

† Not direct entry from high school. Minimum of one year of postsecondary studies required.

## *Picture yourself here.*

*For more than 20 years, the annual Mosaic celebration – a student-run initiative – showcases talented students through performances that include spoken word, singing, belly dancing, South Asian dancing, soca performers and rap.*









# *Life Sciences & Health*

**HIV/AIDS.**

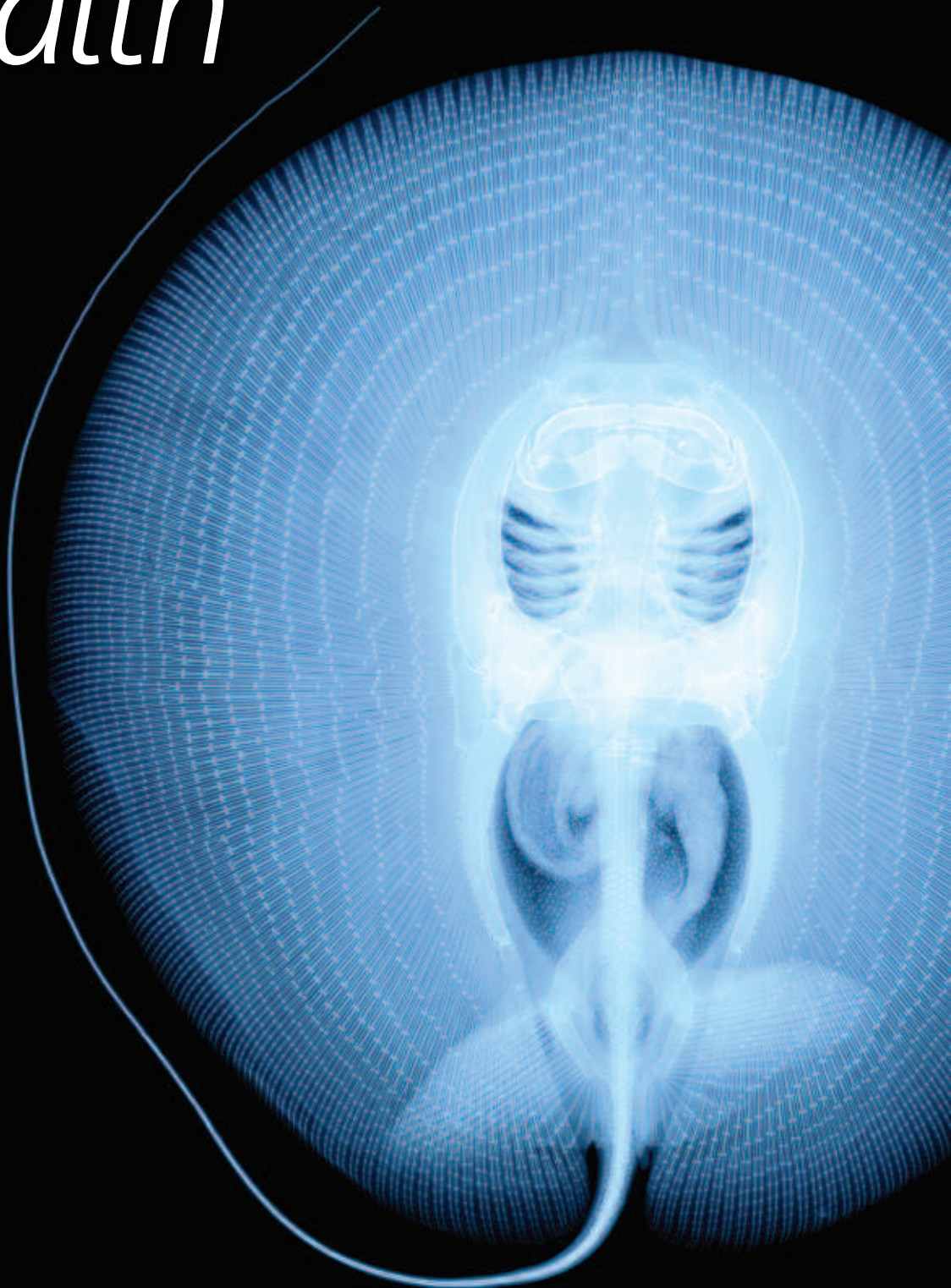
**WORLD HUNGER.**

**BIODIVERSITY AND  
SUSTAINABILITY.**

**MENTAL HEALTH.**

The 21st-century life scientist will answer questions that are critical to our health and our future.

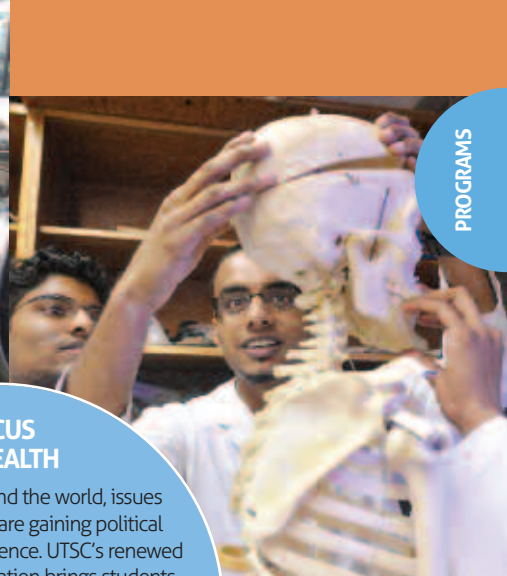
Dig deeper into the challenges facing us all, and learn to make a real difference in the world around you.







*The Paramedicine program at UTSC, a joint offering with Centennial College, is the only one of its kind in Canada. Students gain the critical thinking, research and laboratory skills necessary to help save lives, and are immersed in emergency medical simulations that mirror the situations healthcare professionals regularly deal with.*



**FOCUS ON HEALTH**

In Canada and around the world, issues surrounding health are gaining political and economic prominence. UTSC's renewed focus on health education brings students to the front lines of this pressing subject. By learning from world-class researchers and experiencing the world of health science through innovative co-op programs and laboratory experience, UTSC students gain the knowledge and practical skills that will help them help others.

## LIFE SCIENCES & HEALTH AT UNIVERSITY OF TORONTO SCARBOROUGH

UTSC offers the motivated science student the opportunity to engage in high-profile research with some of Canada's leading scientists and researchers. Science is about asking and answering the right questions. Here you'll have the privilege of crafting your answers through innovative, flexible programming with the help of top researchers, fellow students and state-of-the-art instruments and lab technologies. We offer students unlimited possibilities for engagement. Make the most of our "active learning environment" and find the answers to the questions you've been asking.

### WHERE DO YOU GO FROM HERE?

A UTSC science degree can lead you to a fascinating career in areas such as medicine, dentistry, pharmacy and allied health. It also prepares you for post-graduate studies or further accreditation in exciting fields such as microbiology, biotechnology and neuroscience.

**"The health studies initiative at UTSC will teach students to think holistically. Whether they are in e-health, paramedicine, mental health or management, they will know their domain and also how to ask good questions: How do I make the system better? How do I allocate resources more effectively? That's what makes our program so unique."**

**JOSEPH MAPA**  
President and CEO of Mount Sinai Hospital  
and Executive-in-Residence for Health at UTSC



#### APPLICATION NOTES

† Not direct entry from high school. Minimum of one year of post-secondary studies required.

#### PROGRAM SELECTION

Students admitted to the first year in the Biological Sciences category who wish to proceed to the second year of its specialist or major programs, apply internally toward the end of the first year.

### LIFE SCIENCES

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Applied Microbiology †</b>	Hon BSc (Specialist) <i>Plus a diploma from Centennial College</i>	Non-Co-op: TSL	Combines robust studies in cell and molecular biology, biochemistry and microbiology with invaluable practical experience in lab research techniques. Graduates are well-trained to take positions in the food, chemical, pharmaceutical, cosmetic and other related industries.
<b>Biodiversity, Ecology &amp; Evolution</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSL	Presents an in-depth analysis of how ecological and evolutionary processes shape organisms and ecosystems and ultimately determine the levels of biodiversity and broad patterns of organization of life on earth.
<b>Biology</b>	Hon BSc (Major, Minor)	Non-Co-op: TSL	Biology is the study of life, and these programs are meant to provide a solid basic knowledge of this vast discipline while also allowing students to tailor their programs toward one or more sub-disciplines such as cell biology, molecular biology, ecology, evolution or physiology.
<b>Cell &amp; Molecular Biology</b>	Hon BSc (Specialist)	Non-Co-op: TSL; Co-op: TSU	Students analyze the cellular and molecular underpinnings of organismal processes and learn to use a battery of cell, molecular and genetic tools that can be applied to tackle environmental, biomedical, industrial and basic research problems.
<b>Integrative Biology</b>	Hon BSc (Specialist)	Non-Co-op: TSL	Develops solutions to combat some of the most pressing global challenges such as climate change, emerging diseases, hunger and species extinction. This requires an integrative approach in which expertise is drawn from disparate biological fields and other disciplines.
<b>Neuroscience</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSL; Co-op: TSU	Studies the structure, function and development of the nervous system while concentrating on concepts related to behaviour, learning, consciousness and perception. Using techniques in anatomy, physiology, biochemistry, psychology, pharmacology and zoology, neuroscientists strive to unravel the brain's mysteries.
<b>Psychology</b>	Hon BSc (Specialist, Major, Minor)	Non-Co-op: TSL; Co-op: TSU	Encompasses the study of how people perceive their environments; how they learn, adapt and remember; how they change over their lifetimes; how they choose among alternate courses of action; and how they are affected in social settings. Modern approaches to the study of the mind, brain and behavior are emphasized.





## EDWARD ENG

*Graduate 2004, Biological Sciences*

"The UTSC campus is my second home. There's a real community here and I'm able to get involved in the things that really move me."

With over 10 years spent at UTSC, Edward completed his undergrad and master's and is working on his PhD here. He has left a lasting legacy on campus with the creation of the local chapter of the Let's Talk Science Partnership Program. This initiative enables Edward to share his enthusiasm for science with local schoolchildren from kindergarten up to grade 12.

## HEALTH

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Health Informatics***</b>	Hon BSc (Specialist)	Non-Co-op: TXC; Co-op: TSC	Health Informatics is a stream in the Computer Science specialist program. Health Informatics provides a broad perspective of the discipline and exposure to additional subjects, including statistics and social sciences, that are useful for a career as a computer scientist in the health sector.
<b>Health Studies</b>	Hon BA/BSc (Major, Minor)	Non-Co-op: TSS; Co-op: TXA	Investigates the social characteristics of health and how health systems and public policy can be designed to promote well-being. Students who select the Health Studies Major can now focus their studies through one of two new program streams: Population Health (BSc) and Health Policy (BA).
<b>Human Biology</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSL	Emphasizes the biology of the human species. Suitable for students who wish to go on to health-related fields such as medicine, dentistry, nursing, pharmacy, physiotherapy and health policy/management.
<b>Mental Health Studies</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSL; Co-op: TSU	Focuses on abnormal psychological processes by delving into the pathologies of the mind and their treatment. It prepares students for work in mental health settings (e.g., hospitals) or further specialized study in clinical psychology.
<b>Paramedicine</b>	Hon BSc (Specialist) <i>Plus a diploma from Centennial College</i>	Non-Co-op: TSI	Prepares students to be professional paramedics. As the only one of its kind in Canada, the program combines a strong knowledge base in basic and human biology with laboratory work and primary-care practical experience.

\*\*\*Program is pending final approval.

## PROFESSOR CLARE HASENKAMPF *(left)*

Professor Hasenkampf is a biologist specializing in processes relating to chromosome function during sexual reproduction in plants. She is also a passionate instructor and Associate Dean of Teaching and Learning at UTSC. Her teaching excellence has been recognized with a 2010 3M National Teaching Fellowship award and the endless devotion of her students. In Hasenkampf's own words: "I'm glad to be part of the academic community at UTSC because one of our strategic priorities is experiential learning which fits well with my philosophy and helps provide motivation for both faculty and students to succeed."




“UTSC gave me a leg  
up on life. I became  
more aware of the  
world and the part  
I want to play in it.”

SARANGAN UTHALINGAM  
Graduate 2005  
Cell and Molecular Biology







For Sarangan Uthalingam, UTSC was an eye-opening experience – a window into new ideas and fresh ways of thinking. Now a pediatric resident at the Michael G. Degroote School of Medicine at McMaster University, Uthalingam believes that his undergraduate education at UTSC empowered him to realize his full potential, and challenged him to help make the world a better place.



A man in a light-colored shirt and dark trousers stands on a rocky outcrop, looking out over a wide river valley. The background features rugged mountains and a large body of water. The text is overlaid on the left side of the image.

*The Environment  
& Physical Sciences  
Computer &  
Mathematical  
Sciences*





*Experiential education is a hallmark of a UTSC degree. Environmental science students take their learning into the field, where they get their hands dirty conducting research of their own.*



PROGRAMS

### ECO ACCREDITATION

UTSC's department of physical and environmental sciences has received accreditation from the Environmental Careers Organization (ECO) of Canada, the leading environmental sciences professional development organization in the country. The prestigious recognition means that students enrolled in the department's academic programs can expect to have a distinct advantage in finding jobs in their field once they graduate.

## THE ENVIRONMENT & PHYSICAL SCIENCES AND COMPUTER & MATHEMATICAL SCIENCES AT UNIVERSITY OF TORONTO SCARBOROUGH

UTSC students know that there are many different perspectives from which to understand our world. From the tectonic processes occurring beneath our feet, to the climactic changes taking place in our environment, to the computing technologies that enable virtual realities to come true, students at UTSC can choose to be exposed to countless forms of knowledge. Award-winning instructors, dynamic programming and co-op options bring them all to life.

“Students interested in studying Computer & Mathematical Sciences must be curious. Most importantly, they must want to become better problem-solvers. They should be more interested in creating new solutions of their own than in seeing the solutions of others.”

SOPHIE CHRYSOSTOMOU  
Senior Lecturer, Mathematics

### NEW PhD IN ENVIRONMENTAL SCIENCE

UTSC is responding to the world's urgent need for qualified environmental scientists. Building on its strong undergraduate and Master's programs in Environmental Science, UTSC now offers a unique interdisciplinary PhD that prepares students at the advanced graduate level to investigate environmental challenges facing our planet.



## HOPPA LAU

Graduate 1999, Environmental Science

"UTSC has played a pivotal role in my life, introducing me to Canada and to my passion: climate change"

UTSC's Environmental Science program was a natural choice for Hoppa, as he already had an interest in soil science, geology and climatology from his schooling in Hong Kong. But it was only after studying with Professor William Gough – a leading researcher specializing in the study of arctic sea ice and permafrost – that Hoppa developed an interest in climate change. Hoppa followed up his undergraduate degree with an MSc in climate change and impacts. He is now the Directorate Planner for Environment Canada, helping shape government policy and future environmental initiatives.

### APPLICATION NOTES

\*To apply to this discipline, select either Physical & Environmental Sciences or Co-op Physical & Environmental Sciences.

† Not direct entry from high school. Minimum of one year of postsecondary studies required.

\*\*\*Program is pending final approval.

## THE ENVIRONMENT & PHYSICAL SCIENCES

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Astronomy &amp; Astrophysics</b>	Hon BSc (Minor)	Non-Co-op: TSP	Concerned with the origin, physical and chemical properties, and the evolution of matter and energy in the universe.
<b>Biochemistry*</b>	Hon BSc (Major)	Non-Co-op: TSP; Co-op: TSB	Offered for students who are primarily interested in chemistry with a focus on living systems. Applications include drug development, diagnostics and medical analysis.
<b>Biological Chemistry*</b>	Hon BSc (Specialist)	Non-Co-op: TSP; Co-op: TSB	Geared to students who wish to specialize in chemistry with applications in the medical and life sciences.
<b>Chemistry*</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSP; Co-op: TSB	Studies the basic characteristics of substances and the different ways in which they react or combine with other substances. Sub-disciplines include: analytical chemistry, environmental chemistry, inorganic chemistry, organic chemistry and physical chemistry.
<b>Concurrent Teacher Education – Science</b>	Hon BSc, BEd (Specialist, Major)	Non-Co-op: TES	Prepares candidates to become science teachers at the elementary (Kindergarten to Grade 6) or secondary (Grades 7 to 12) school levels. A specialist or major program must be completed in one of the following in-demand disciplines: chemistry, mathematics, or physics. A double major is possible with other disciplines in the arts or sciences.
<b>Environmental Science*</b>	Hon BSc (Specialist, Major, Minor)	Non-Co-op: TSP; Co-op: TSB	Combines the fields of biology, chemistry, mathematics, physics, earth science and ecology to understand the dynamics of both natural and human activity in the environment. Students may choose to focus on Environmental Biology, Environmental Chemistry, Environmental Geoscience or Environmental Physics.
<b>Environmental Science &amp; Technology†</b>	Hon BSc (Specialist) Plus a diploma from Centennial College	Non-Co-op: TSP	Provides a solid foundation in fundamental environmental science, analytical skills and research methods while helping students develop the critical technical skills that will be invaluable for a career in the profession, be it in the office, lab or field.
<b>Environmental Studies***</b>	Hon BA (Major)	Non-Co-op: TSP	Provides the interdisciplinary breadth required for the study of environmental issues, their implications for society and the social solutions to these problems. This program will draw courses from established environmental sciences programs, in which the integration of material from multiple disciplines is already commonplace. Students participate in projects that are linked to real world issues and have the opportunity to work with internal and external organizations dealing with environmental problems.





### THE ENVIRONMENT & PHYSICAL SCIENCES continued

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Physical &amp; Mathematical Sciences*</b> <b>Physical Sciences*</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSP; Co-op: TSB	Interdisciplinary programs designed for students with a broad interest in the physical sciences that provide an integrated view of science.
<b>Physics &amp; Astrophysics*</b>	Hon BSc (Specialist, Major)	Non-Co-op: TSP; Co-op: TSB	Investigates the basic laws that govern how material objects move and influence each other. Understanding the laws of physics allows us to accurately predict the effect of a star on the motion of a planet, the effect of a molecule on a nearby atom, or even that of an atomic nucleus on an electron.

### COMPUTER & MATHEMATICAL SCIENCES

PROGRAM	U of T DEGREE (PROGRAM TYPE)	APPLICATION CODE	DESCRIPTION
<b>Computer Science</b>	Hon BSc (Specialist, Major, Minor)	Non-Co-op: TXC; Co-op: TSC	Prepares students to solve real-world technical and abstract problems by offering courses in areas such as network management, software engineering, database management, web programming, microprocessor systems and computer graphics. Students choose to specialize in one of the following: Comprehensive stream, Health Informatics stream, Information Systems stream or Software Engineering stream.
<b>Concurrent Teacher Education – Science</b>	Hon BSc, BEd (Specialist, Major)	Non-Co-op: TES	Prepares candidates to become science teachers at the elementary (Kindergarten to Grade 6) or secondary (Grades 7 to 12) school levels. A specialist or major program must be completed in one of the following in-demand disciplines: chemistry, mathematics, or physics. A double major is possible with other disciplines in the arts or sciences.
<b>Mathematics</b>	Hon BSc (Specialist, Major)	Non-Co-op: TXC; Co-op: TSC	Mathematics has developed and evolved over the past 4,000 years in diverse cultures. It studies numbers, shapes and space. Mathematics has been spectacularly successful in solving problems in astronomy, physics, engineering and economics. Students can choose to specialize in one of the following: Comprehensive stream, Design Your Own stream, Statistics stream or Teaching stream.
<b>Statistics</b>	Hon BSc (Specialist, Major, Minor)	Non-Co-op: TXC; Co-op: TSC	Concerned with quantifying uncertainty using probability. Statisticians are interested in the proper collection and analysis of data. Applications range from fields as diverse as demographics, genetics and physics. Students can choose to specialize in one of the following: Machine Learning & Data Mining stream or Quantitative Finance stream.

# Management

A large, illuminated sign with a grid of dots forming a stylized 'M' shape, set against a dark blue background. The sign is composed of many small, glowing dots in shades of blue and green, creating a pixelated or dot-matrix effect. The sign is mounted on a dark, possibly metallic, surface that recedes into the distance, creating a sense of depth. The overall lighting is dim, with the primary light source being the sign itself, which casts a soft glow on the surrounding area.

## **TODAY'S BUSINESS**

### **LEADERS NEED TO WEAR MANY HATS**

and be alert to an ever-shifting global marketplace that demands more of its managers and executives. Gone are the days when a narrow, specialized focus would guarantee you a lifelong career with a single organization. Business leaders require a solid grounding in core management functions in addition to being intellectually curious, creative problem solvers and skilled communicators who are sensitive to cultural, ethical and environmental considerations. Pick up the skills you need to succeed.





**SAMANTHA SETO** (right)  
*Graduate 2011, Management Co-op*

Samantha Seto doesn't waste any time. While in her third year, Samantha was one of only two Canadian winners to receive the 2010 Zonta International Jane M. Klausman Women in Business Scholarship – a prestigious award for young women who have demonstrated leadership and excellence in academics and extracurricular activities in the pursuit of careers in business. When she wasn't studying, Samantha worked as a staff accountant at Ernst & Young LLP while also working with the Management and Economics Students' Association (MESA). "One of my visions is to be in a field where I can make a difference and break the notion that profit and social responsibility are on opposite spectrums." Samantha returned to Ernst & Young to begin her professional career in fall 2011.

## MANAGEMENT AT UNIVERSITY OF TORONTO SCARBOROUGH

UTSC offers the ambitious student a breadth of experience and knowledge that will serve as the foundation for a rewarding business career. Rigorous academic programs led by top researchers and instructors with current, relevant experience are complemented by a wide range of Co-op and other experiential learning opportunities. Learn fundamentals and explore your passion for business in the classroom, outside the classroom and on the job. Discover the best management education available for undergraduate students in Canada.

### THE DIFFERENCES BETWEEN OUR MANAGEMENT BBA & THE BCOM

The BBA is the general business degree given by American universities, whereas the BCom degree originated in Britain and embodies a historically based European focus.

Traditionally, the BCom degree at the University of Toronto has been highly focused on Economics. The Scarborough campus introduced the BBA degree to be broadly focused on Management, and the degree requirements are designed to expose students to all functional areas of Management while also providing a solid grounding in Economics. This characteristic of the degree means that the BBA is, in effect, a junior Master of Business Administration (MBA) degree.

It is important not to overemphasize the differences between the two degrees. UTSC Management professors are all associated with the U of T Rotman School of Management, so course content in the business courses across the U of T is similar. The two main practical differences between our BBA and the BCom are:

1. The large co-op program at UTSC means that our courses and curriculum taken by our students (co-op and non co-op) are highly focused on the needs of employers.
2. UTSC Economists are associated with the Rotman Business Economics group and the U of T Centre for Industrial Relations and Human Resources, which means that our Economics courses tend to be less theoretical and more focused on business.

### MIB

The Specialist Program in Management and International Business (MIB) is a comprehensive degree that focuses on business in an international context. MIB students learn and apply management skills and theory through interdisciplinary study and work-abroad components. Combining a solid academic foundation in business with courses on leadership and interpersonal skills in cross-cultural contexts, the MIB program will evolve as the marketplace shifts, ensuring that graduates enter the work force prepared for the unique challenges inherent to a global economy.

### WHERE DO YOU GO FROM HERE?

UTSC Management graduates are employed in the public and private sectors, top-ranked corporations, multinational companies, banks, manufacturing and high-tech firms. Alternatively, graduates can attain professional certification in areas such as accounting or human resource management, or pursue further study with graduate business programs (e.g, MBA, MFin) or law. Our curriculum also offers a solid foundation for the entrepreneur interested in starting a business.

## PROFESSIONAL DESIGNATIONS

All course requirements for the following are fulfilled at University of Toronto Scarborough.

### CA

Chartered Accountant

### CGA

Certified General Accountant

### CMA

Certified Management Accountant

### CHRP

Certified Human Resources Professional



PROGRAM	U of T DEGREE / DEPARTMENT	APPLICATION CODE	DESCRIPTION
<b>Management</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides a study of business practices, organizational theory and the issues affecting companies and organizations. Centred around finance, accounting, marketing and human resources. Students learn to think critically by examining relevant business scenarios. The program allows students to gain a broad foundation in management while providing the freedom to take courses in various areas of business.
<b>Management &amp; Accounting</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides comprehensive, relevant and interesting courses spanning the areas of auditing, taxation, control systems, financial accounting and management information systems. All of the course requirements for accounting designations can be attained in our program.
<b>Management &amp; Finance</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides knowledge integral to the well-being of an individual, household, business or government organization. Knowing how to manage risk, money markets, domestic and international banking systems, and mergers and acquisitions helps managers to invest wisely and consume responsibly.
<b>Management &amp; Human Resources</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Offers an in-depth examination of how organizations work and how people work in organizations. Promoting organizational effectiveness involves enhancing employee recruitment, selection, training and performance using skills in leadership, negotiation, dispute resolution, planning and strategy.
<b>Management &amp; Information Technology</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides expertise in information technology. Gain that expertise with this in-demand combination of studies in computer science and business.
<b>Management &amp; International Business</b>	BBA (Specialist)	Co-op: TXB	This co-op exclusive program is designed to give students a broad exposure to all functional areas of Management while providing a unique understanding of the business world in a global context. Through internationally focused classroom study, a language component, as well as study and work terms abroad, students will experience an emphasis on cross-cultural communications and leadership while simultaneously maintaining a quantitative and analytical focus. Students may maintain a general academic approach or use electives to specialize in a particular area of Management.
<b>Management &amp; Marketing</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides marketing expertise. More CEOs started their careers in marketing than in any other functional area of business. It is an advantage to be able to determine the needs and wants of customers and deliver the benefits more effectively and efficiently than competitors.
<b>Strategic Management</b>	BBA (Specialist)	Non-Co-op: TSM; Co-op: TSN	Provides understanding of all functional areas. Well-rounded managers are able to strategize effectively by assessing their current business position, formulating needs and goals, implementing the right action plans, then evaluating periodically to ensure the strategies are working.
<b>Economics For Management Studies</b>	BBA/Hon BA (Specialist, Major, Minor)	Non-Co-op: TSM; Co-op: TSN	Examines how consumers and producers interact in a market economy to provide goods and services. Courses focus on how this process of interaction changes over time, the problems associated with this system and the development of economic policies to remedy various situations.



“If you have ideas and you have ambition, UTSC offers you the opportunities you need to bring your ideas to life.”

SATISH KANWAR  
Graduate 2008  
Management Co-op

Satish Kanwar had a busy four years at UTSC. When he wasn't studying or completing his Co-op placements at Microsoft and Hewlett-Packard, Satish participated in the Management and Economics Students' Association (MESA) where he met his future business partner for Jet Cooper, a digital experience company that he formed in 2009.

# UofT Co-op

**AT UTSC FORMAL CO-OP PROGRAMS ENABLE YOU TO APPLY THE EXTENSIVE KNOWLEDGE ACQUIRED IN THE CLASSROOM to practical “real world” employment situations. As part of the Co-op degree requirements, you can gain 6 to 12 months of paid work experience that is relevant to your specific programs of study. A University of Toronto Scarborough Co-op education provides the skills, knowledge and expertise to secure rewarding positions with outstanding employers after graduation. It also serves as excellent preparation for graduate school and professional programs.**

## SAMPLE CO-OP EMPLOYERS

### ARTS

Autism Ontario York Region  
Bell Canada  
CAMH  
Canada Council for the Arts  
Canadian International Development Agency  
CARE Canada  
CIBC Wood Gundy  
CTV Television  
Cushman and Wakefield Inc.  
CUSO-VSO  
Environment Canada  
Health Canada  
Human Resources and Skills Development Canada  
Plan Canada  
Foundation for International Training  
Heart and Stroke Foundation  
Markham Museum  
Metrolinx  
Ministry of Finance  
Ministry of Health and Long Term Care  
Ministry of Tourism and Culture  
Ministry of Training, Colleges and Universities  
Ontario Teachers' Pension Plan  
Oxfam-Quebec  
Princess Margaret Hospital  
Royal Ontario Museum  
The Centre for Internet and Society  
Treasury Board  
World Universities Services Canada (WUSC)

### SCIENCES

Apotex  
Baycrest Center for Geriatric Care  
Canadian Food Inspection Agency  
Centre for Addiction and Mental Health  
CIBC  
Environment Canada  
Health Canada  
Hydro One  
IBM Canada Limited  
Ministry of the Environment  
Mount Sinai Hospital  
MPower Technologies  
NorthPoint Micro Services  
Nuvo Research Inc.  
Ontario Power Generation  
Princess Margaret Hospital  
Research In Motion Limited  
Sano Pasteur Canada  
Scotiabank  
St. Michael's Hospital  
Sun Microsystems of Canada Inc.  
Sunnybrook Hospital  
Tanz Centre for Research in Neurodegenerative Diseases  
TD Securities Inc.  
TELUS Mobility  
Terraprobe  
University Health Network

### MANAGEMENT

American Express  
Bank of China  
Bell Canada  
BMO Nesbitt Burns  
BMW Canada  
Deloitte  
Ernst & Young  
General Electric Canada  
Hewlett-Packard Canada  
IBM Canada  
ING Direct  
Johnson & Johnson  
Kraft Foods  
KPMG  
Microsoft Canada  
Ontario Ministry of Finance  
Ontario Teachers' Pension Plan  
Porsche  
PricewaterhouseCoopers Canada  
Proctor & Gamble  
RBC Financial Group  
Samsung  
Scotiabank  
TD Securities  
TELUS Mobility  
Toronto Hydro  
UBS Hong Kong  
Unilever Canada Inc.

**IDS CO-OP:  
SEE THE WORLD,  
MAKE A DIFFERENCE**

In 2012, International Development Studies Co-op celebrates 27 years. It is one of the longest-running and best-recognized programs in Canada. Students have made a difference in 67 countries by working with 75 organizations.





Above, left: IDS Co-op student Tiana Rodrigue is shown with children in Burkina Faso, where she worked with World University Service of Canada/Uniterra. Above, right: Management Co-op student Venelina Georgieva enjoyed work placements at leading financial companies such as Mercer and Ontario Teachers' Pension Plan.

## ADVANTAGES OF A U OF T CO-OP EDUCATION

### LOCATION

Enjoy work opportunities with hundreds of reputable employers, many within the Greater Toronto Area, plus others elsewhere in Canada and overseas.

### CHOICE

Select a UTSC Co-op program across the Arts, Sciences and Management faculties.

### FLEXIBILITY

Take advantage of the employment opportunities which are available in each academic trimester – Fall, Winter and Summer.

### CONVENIENCE

Enter UTSC's Co-op programs directly from high school, and graduate within 4 or 5 years.

### PROVEN TRACK RECORD

Benefit from our 40-year history of high employer satisfaction with our Co-op students.

### FINANCIAL REWARD

Earn an income that can total, on average, \$12,000 – \$32,000, depending on the Co-op program and number of work terms.

### SUPPORT

Access the job market through the Co-op Co-ordinators who network with employers to develop employment possibilities and prepare you to be competitive.

### QUALITY WORK EXPERIENCE

Get a real job and work on real projects and assignments that enhance your overall learning and development.

“We have recruited many University of Toronto Scarborough Co-op students in recent years, and will continue to do so. They have proven to be capable, mature workers who get up to speed fast and really deliver the goods.”

DR. RAY CLEMENT  
Senior Research Scientist  
Ontario Ministry of the Environment

## SAMPLE WORK TERM SEQUENCES

Below are just two possible examples of when work terms and study terms may be scheduled over four years. Your actual schedule will be determined after you have started a Co-op program. Please note that Co-op International Development Studies is structured to take five years, and it is common for the Co-op Science programs to take four to five years to complete.

### Co-op programs featuring TWO work terms

	FALL	WINTER	SUMMER
<b>YEAR 1</b>	Study	Study	Off
<b>YEAR 2</b>	Study	Study	Work 1
<b>YEAR 3</b>	Study	Study	Study
<b>YEAR 4</b>	Work 2	Study	Graduate

### Co-op programs featuring THREE work terms

	FALL	WINTER	SUMMER
<b>YEAR 1</b>	Study	Study	Study
<b>YEAR 2</b>	Work 1	Study	Work 2
<b>YEAR 3</b>	Study	Work 3	Study
<b>YEAR 4</b>	Study	Study	Graduate

## CO-OP PROGRAMS IN ARTS

PROGRAM	DURATION	DESCRIPTION
<b>Co-op Arts: Humanities &amp; Social Sciences</b>	Two 4-month paid work terms. Work terms typically begin after the completion of four full-time terms of study (after year 2).	<ul style="list-style-type: none"> <li>• City Studies</li> <li>• English</li> <li>• French</li> <li>• Health Studies</li> <li>• History</li> <li>• Linguistics</li> <li>• Philosophy</li> <li>• Psycholinguistics</li> <li>• Public Policy</li> <li>• Women's &amp; Gender Studies</li> </ul> <p>Work terms are available within private, public and non-profit organizations, including federal, provincial and municipal levels of government, research firms, professional and technical services as well as non-profit organizations and community and humanitarian groups. Co-op opportunities are available across Canada and provide excellent preparation for career advancement by further developing skills in critical and analytical thinking, decision-making, writing and project management.</p>

<b>Co-op International Development Studies (IDS)</b>	One 8-to-12-month paid work term. The work term typically begins after the completion of 6 full-time terms of study (after year 3).	In their fourth year of studies, students embark on an 8-to-12-month work term with an organization involved in international development. This may include work terms in Africa, Asia, Latin America, the Middle East, the Caucasus or Canada. Employers include Canadian non-governmental organizations, international organizations, research institutes, and occasionally private-sector organizations. Upon completion of the work term, students return to University of Toronto Scarborough to complete the fifth and final year of the program. As an alternative to completing a Bachelor of Arts in IDS, students also have the option to complete a BSc in IDS by focusing on Environmental Science.
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**MARIO SO GAO**  
Co-op Humanities  
(Linguistics)  
EMPLOYER:  
National  
Historic Sites  
Alliance

## CO-OP PROGRAMS IN MANAGEMENT

PROGRAM	DURATION	DESCRIPTION
<b>Co-op Management</b>	At least 12 months of paid work terms lasting 4 or 8 months.	<ul style="list-style-type: none"> <li>• Accounting</li> <li>• Economics for Management Studies</li> <li>• Finance</li> <li>• Human Resources</li> <li>• Marketing</li> <li>• Strategic Management</li> <li>• Management &amp; Information Technology</li> </ul> <p>Work terms are in top-ranked corporations, accounting firms, government, the consumer product industry, multinational companies, chartered banks, investment firms, manufacturing and high-tech firms. Students network with industry professionals and gain contemporary and relevant employment skills.</p>
<b>Co-op Management &amp; International Business</b>	Three 4-month or one 8-month and one 4-month paid work terms. Work terms typically begin after the completion of three full-time terms of study (after year 1).	Work terms are in top-ranked international corporations in a variety of industries and functional areas, with at least one of the three work terms occurring abroad. Work term locations will normally be in the same countries in which students complete their international study terms. International placements will also vary according to student interest, availability of positions, practicability and safety of an area, as well as established international relationships.



**MELANIE BOWARD**  
Co-op Management  
(Finance)  
EMPLOYER:  
Ontario Ministry  
of Finance



## DERRICK FUNG

Graduate 2010, Management Co-op

Before he even finished his degree, recent management graduate Derrick Fung was presented with the opportunity of a lifetime. Derrick was one of only four Canadians selected for the prestigious internship to the William J. Clinton Foundation in New York City. The Foundation focuses on climate change and HIV/AIDS in the developing world, among other pressing global issues. Highlights of Derrick's experience include the planning of a 2010 fall meeting of global international leaders as part of the Clinton Global Initiative launched by former U.S. President Bill Clinton.



PROGRAMS

## CO-OP PROGRAMS IN SCIENCES

PROGRAM	DURATION	DESCRIPTION
<b>Co-op Computer Science, Mathematics &amp; Statistics</b>	Three 4-month paid work terms. Newly introduced is a 12-to-16-month internship option. Work terms typically begin after the completion of three full-time terms of study (after year 1).	<p><b>Computer Science</b></p> <ul style="list-style-type: none"> <li>• Comprehensive stream</li> <li>• Health Informatics stream</li> <li>• Information Systems stream</li> <li>• Software Engineering stream</li> </ul> <p><b>Mathematics</b></p> <ul style="list-style-type: none"> <li>• Comprehensive stream</li> <li>• Design Your Own stream</li> <li>• Statistics stream</li> <li>• Teaching stream</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Machine Learning &amp; Data Mining</li> <li>• Quantitative Finance</li> </ul> <p>Work terms are available in high-tech, financial services, retail distribution, education, government, bio-technology and energy industries. Students have superb opportunities to enrich their education through work experience in diverse environments from the large corporation to the emerging high-tech enterprise.</p>
<b>Co-op Life Sciences</b>	Two 4-month paid work terms. Work terms typically begin after the completion of four full-time terms of study (after year 2).	<ul style="list-style-type: none"> <li>• Cell &amp; Molecular Biology</li> <li>• Neuroscience</li> </ul> <p>Work terms are in university, government and hospital research laboratories, as well as research and development laboratories, and quality control departments of biotechnology and pharmaceutical companies</p> <ul style="list-style-type: none"> <li>• Mental Health Studies</li> </ul> <p>Students may have the opportunity to take work terms in clinical settings which may include hospitals, extended-care facilities and correctional institutions.</p> <ul style="list-style-type: none"> <li>• Psychology</li> </ul> <p>Work terms may be in survey research firms, in industries doing research and development, in educational organizations, in government and in agencies providing support to persons with disabilities.</p>
<b>Co-op Physical &amp; Environmental Sciences</b>	Three 4-month paid work terms. Newly introduced is a 12 month internship option. Work terms can begin after the completion of three full-time terms of study (after year 1).	<ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• Biological Chemistry</li> <li>• Chemistry</li> <li>• Environmental Science</li> <li>• Environmental Biology</li> <li>• Environmental Chemistry</li> <li>• Environmental Geoscience</li> <li>• Environmental Physics</li> <li>• Physical &amp; Mathematical Sciences</li> <li>• Physical Sciences</li> <li>• Physics &amp; Astrophysics</li> </ul> <p>Work terms are with chemical, pharmaceutical and biotechnology leaders, environmental technology solution providers, professional consulting firms, research/survey companies, educational institutions and government services. Students benefit from excellent work experience, a supportive University of Toronto Scarborough team that helps them find the right jobs in a competitive market, and the skills to ensure fulfilling work.</p>

### THUY VU

Co-op Computer Science (Information Systems stream)

EMPLOYER:  
SS&C Technologies, Inc.



### HUSSAIN MASOOM

Co-op Sciences (Biological Chemistry)

EMPLOYER:  
St. Michael's Hospital







A photograph of two young women in black graduation gowns jumping joyfully on a green lawn. They are both smiling broadly with their arms raised. The woman on the left has her hair flying in the air. The background shows a campus setting with trees and a building.

*Picture yourself here.*

*Upon graduation, UTSC students have earned one of the most rigorous and respected post-secondary degrees in the world. But they have also gained the experience, skills and self-confidence they will need to succeed in a rapidly changing and interconnected world. That's why we say that, at UTSC, tomorrow is created here.*



# *The Application Process*





**1 SUBMIT THE COMPLETED APPLICATION FORM BEFORE THE DEADLINE.**  
 ▶ Ensure all contact information, especially your email address, is correct.  
 ▶ If residence accommodation is desired, then also select it on application form.

**2 RECEIVE AN ACKNOWLEDGEMENT** of your application from U of T directly.

**3** The U of T acknowledgement will also direct you to:  
 ▶ **THE NEXT STEPS / APPLICATION INSTRUCTION GUIDE** with details on the required supporting documents and where to submit them. These include academic records/transcripts, proof of English language facility, etc.  
 ▶ If eligible, **INSTRUCTIONS FOR APPLYING FOR UTAPS** (see pg. 64)

**4 NON-ACADEMIC INFORMATION IS BENEFICIAL FOR SELECTION TO SOME PROGRAMS.** Supplementary Application Forms (SAF) are required for admission to some programs. The Concurrent Teacher Education programs require an Applicant Profile. From the University of Toronto Scarborough Admissions website, access and submit the forms before specified deadlines. Failure to submit these documents may jeopardize the consideration of your application.

**5 USE THE ONLINE U OF T APPLICATION STATUS CHECK SERVICE** to confirm the receipt of documents and admission decisions. Access this service from the University of Toronto Scarborough Admissions website or the *Join U of T* admissions portal website.

**6 RECEIVE THE OUTCOME OF YOUR APPLICATION FROM U OF T DIRECTLY.**

**APPLICATION FORMS & DEADLINES FOR ENTRY IN 2013**

TYPE OF APPLICATION	FORM	DEADLINE	WHERE TO GET THE APPLICATION
<b>Regular Full-Time Degree Studies</b> Currently enrolled in an Ontario secondary school day program	101	February 1 for applicants to the Concurrent Teacher Education Programs  March 1 for all other programs	Your high school
<b>Regular Full-Time Degree Studies</b> Not currently enrolled in an Ontario secondary school day program	105	February 1 for applicants to the Concurrent Teacher Education Programs  March 1 for all other programs	Ontario Universities' Application Centre (OUAC) <a href="http://www.ouac.on.ca">www.ouac.on.ca</a> Tel 519-823-1063
<b>Part-Time Degree Studies</b>		Fall entry: June 1 Summer entry: March 1	<a href="http://www.utsc.utoronto.ca/admissions">www.utsc.utoronto.ca/admissions</a>
<b>Non-Degree Studies</b>		Fall entry: June 1 Summer entry: March 1	<a href="http://www.utsc.utoronto.ca/admissions">www.utsc.utoronto.ca/admissions</a>
<b>Visiting Students on a Letter of Permission (LOP)</b>		Fall entry: June 1 Summer entry: April 26	<a href="http://www.utsc.utoronto.ca/admissions">www.utsc.utoronto.ca/admissions</a>

# ADMISSION REQUIREMENTS

## ADMISSION REQUIREMENTS

The following is a brief description of admissions requirements at the time of printing; detailed, up-to-date information is on our website. Refer to the charts on pages 62 and 63 for general requirements and program prerequisites. Possession of minimum qualifications does not guarantee acceptance.

## OTHER EDUCATIONAL SYSTEMS

Applicants from other countries must present equivalent qualifications. For a full listing of requirements by country, visit: [www.adm.utoronto.ca](http://www.adm.utoronto.ca).

General admission requirements and equivalents to the Ontario required subjects

EDUCATIONAL SYSTEM	GENERAL ADMISSION REQUIREMENTS
<b>Ontario</b>	High school diploma including six subjects at the 4U/M level, including English. The out-of-school component of Grade 12 subjects (e.g., co-op) will not be used for admission purposes.
<b>Alberta, Northwest Territories</b>	Alberta high school diploma with five Grade 12 academic subjects numbered 30/31, including English Language Arts 30-1 or English 30.
<b>British Columbia, Yukon</b>	High School Diploma with four Grade 12 approved academic subjects, including English. Refer to <a href="http://www.adm.utoronto.ca">www.adm.utoronto.ca</a> for a list of Grade 12 approved academic subjects. Provincial examinations are required for English 12 or English 12 First Peoples. Advanced Placement Examinations and International Baccalaureate credits are also acceptable.
<b>Manitoba</b>	High school diploma with five Grade 12 academic subjects, including English 40S, plus three additional 40S level subjects. The remaining credit must be 40S or 40G.
<b>Newfoundland &amp; Labrador</b>	High school diploma with ten academic credits at the 3000 level, including English.
<b>New Brunswick</b>	High school diploma with six Grade 12 academic subjects (college preparatory: 120, 121 or 122), including English.
<b>Nova Scotia</b>	High school diploma with five Grade 12 academic subjects (university preparatory academic or advanced), including English.
<b>Nunavut</b>	Alberta or Nunavut secondary school diploma with five Grade 12 academic subjects numbered 30/31, including English 30-1. <i>Inuktitut 12</i> and <i>Aulajaaqtut 12</i> are acceptable.
<b>Prince Edward Island</b>	High school diploma with five Grade 12 academic subjects (numbered 611 or 621), including English.
<b>Quebec (Grade 12)</b>	High school diploma with six Grade 12 academic subjects including English.
<b>Quebec (CEGEP)</b>	Twelve academic subjects, including English/anglais (two terms). The Côte de Rendement (R Score) will be used for admission and scholarship purposes.
<b>Saskatchewan</b>	High school diploma with five Grade 12 academic subjects numbered 30, including English Language Arts A30 + B30.
<b>British-patterned (eg., GCE, AICE, HKEA, SAEB, WAEC)</b>	<p>(i) Three different subjects at the GCE A level, or            (ii) Four different subjects at the GCE Advanced Subsidiary level</p> <p>All exams must be conducted by an examination board located in the United Kingdom or an equivalent authority located elsewhere. Students may apply for conditional admission in the year they will be sitting for A level exams provided they have strong results in at least five O Level/GCSE/IGCSE subjects, four Advanced Subsidiary level subjects, and good predicted A level results. Those who will be sitting for Advanced Subsidiary exams in at least four appropriate subjects may also apply if they have strong results in at least five O Level/GCSE/IGCSE subjects. Applied Advanced Level subjects are not an ideal preparation for our programs. <i>General Paper</i> and <i>Critical Thinking</i> are not acceptable. Prerequisites should be presented at Advanced or Advanced Subsidiary Level. Some programs may consider excellent Ordinary Level results for fulfilling a prerequisite.</p> <p>Traditional academic subjects include all languages, Accounting, Biology, Chemistry, Classics, Computer Science, Economics, English, Geography, Geology, Government and Politics, History, Mathematics, Philosophy, Physics, Religious Studies and Statistics.</p>
<b>American-patterned</b>	Diploma from an accredited high school plus SAT Reasoning or ACT (including the Writing Test) results and a minimum of two SAT Subject Tests or AP or IB scores (or combination thereof covering two different subjects). Prerequisite courses should be taken at the Grade 12 level.
<b>International Baccalaureate (IB)</b>	Complete IB diploma, including English, is required. Persons with excellent predicted results in the year the diploma is being completed may apply.
<b>Caribbean Advanced Proficiency Exam (CAPE)</b>	Complete CAPE diploma with a total of at least six units.



### SUBJECT PREREQUISITES

The subject prerequisites listed in this viewbook are based on the Ontario system. Advanced Placement Examinations and International Baccalaureate credits may be presented in lieu of the provincial credit/course requirements.

- ◆ MCV4U – Calculus and Vectors. Rates of change; geometric and algebraic representations of vectors, lines and planes in three dimensional space; derivatives of polynomial, rational, exponential and sinusoidal functions; modelling
- MHF4U – Advanced Functions. Properties of polynomials, rational, logarithmic and trigonometric functions; rates of change

### ELIGIBILITY FOR DEGREE CREDIT

Degree credit may be awarded for some:

- IB Higher Level subjects passed with a grade of 5 or higher.
- Advanced Level (A level) academic subjects, but not for any Advanced Subsidiary Level subjects.
- Advanced Placement tests with scores of 4 or 5.
- CEGEP courses, if more than 12 academic courses have been completed. Those with a complete DEC are likely to be admitted to second year.

ENGLISH	CALCULUS & VECTORS	ADVANCED FUNCTIONS	BIOLOGY	CHEMISTRY	FRENCH	PHYSICS
ENG4U	◆ MCV4U	● MHF4U	SBI4U	SCH4U	FEF4U or FIF4U or FSF4U	SPH4U
ELA 30-1 or English 30	Math 31 or Calculus AP (AB or BC)	Pure Math 30	Biology 30	Chemistry 30	French 30	Physics 30
English 12 or English 12 First Peoples	Calculus 12 or Calculus AP (AB or BC)	Principles of Math 12/ Pre-Calculus 12	Biology 12	Chemistry 12	French 12	Physics 12
English 40S (Comprehensive/Literary/ Transactional Focus)	Pre-Calculus 40S/ Calculus AP (AB or BC)	Pre-Calculus Math 40S	Biology 40S	Chemistry 40S	French 40S	Physics 40S
English 3201	Mathematics 3207 or Calculus AP (AB or BC)	Mathematics 3204 or 3205	Biology 3201	Chemistry 3202	French 3200 or 3201	Physics 3204
English 120 or 121 or 122	Advanced Math with Intro Calculus 120 or Calculus AP (AB or BC)	Mathematics 121 or 122	Biology 122	Chemistry 121 or 122	French 121 or 122 or French Immersion 120	Physics 121 or 122
English 12	Pre-Calculus 12 or Calculus AP (AB or BC)	Advanced Math 12 or Math 12	Biology 12	Chemistry 12	French 12	Physics 12
ELA 30-1 or English 30	Math 31 or Calculus AP (AB or BC)	Pure Math 30	Biology 30	Chemistry 30	French 30	Physics 30
English 621	Mathematics 611B or Calculus AP (AB or BC)	Mathematics 621A or 621B	Biology 621	Chemistry 611 or 621	French 621	Physics 621
English or English AP	Calculus AP (AB or BC) or MCV4U	Linear Algebra or MHF4U	Biology or SBI4U	Chemistry or SCH4U	French	Physics or SPH4U
Two semesters of English/anglais	Calculus 1	Linear Algebra 1	Biology 1	Chemistry 1 & 2	French/français	Physics 1 & 2
English A30 + B30	Calculus 30 or Calculus AP (AB or BC)	Pre-Calculus 30	Biology 30	Chemistry 30	French 30	Physics 30
We expect that applicants will have successfully completed at least O Level English.	A Level or Advanced Subsidiary Level Math; HKEA: O Level Math + O Level Add Math	A Level or Advanced Subsidiary Level Math; Edexcel, OCR, AQA: O Level Math A/B Higher Tier; HKEA: O Level Math; CIE: O Level Math + O Level Add Math	Biology: A Level, Advanced Subsidiary Level, or O Level	Chemistry: A Level, Advanced Subsidiary Level, or O Level	French: A Level or Advanced Subsidiary Level	Physics: A Level, Advanced Subsidiary Level, or O Level
Grade 12 English/Literature	Calculus AP (AB or BC) or Gr. 12 Calculus	Calculus AP (AB or BC), or Gr. 12 Calculus, or SAT Subject Test Math Level 2	Biology: AP or Gr.12, or SAT Subject Test	Chemistry: AP or Gr. 12, or SAT Subject Test	French: AP or Gr. 12, or SAT Subject Test	Physics: AP or Gr. 12, or SAT Subject Test
English A (HL or SL)	Mathematics (HL or SL); Math Studies is not acceptable.	Mathematics (HL or SL); Math Studies is not acceptable.	Biology (HL or SL)	Chemistry (HL or SL)	French A or B (HL or SL)	Physics (HL or SL)
CXC English	Pure Math: at least one unit, preferably two units	Pure Math: at least one unit, preferably two units	Biology: at least one unit or CXC Biology	Chemistry: at least one unit or CXC Chemistry	French: at least one unit or CXC French	Physics: at least one unit or CXC Physics



## ADMISSION REQUIREMENTS

### ENGLISH FACILITY REQUIREMENTS

Proof of adequate English facility is required from all undergraduate applicants except for those:

- ▶ Whose first language (i.e. the language they learned at home as a child) is English, or
- ▶ Who have achieved satisfactory academic progress in at least four years of full-time study in an English-language school system located in a country where the dominant language is English, or
- ▶ Whose first language is French and who have achieved satisfactory academic progress in at least four years of full-time study in Canada

### ACCEPTABLE ENGLISH FACILITY TESTS

#### TOEFL

**Internet-based Test (IBT)** The minimum requirement on the TOEFL IBT is the total score of 100, together with at least 22 on the Writing section.

**Paper-based Test (PBT) and the Test of Written English (TWE)** The minimum requirement on the TOEFL PBT is a total score of 600, together with at least 5.0 on the TWE.

#### IELTS

The minimum requirement is an overall band of 6.5, with no band below 6.0.

#### GCSE/IGCSE/GCE/AICE English Courses

A minimum final grade of B in GCSE/IGCSE/GCE O Level English, English Language or English as a Second Language, or a minimum final or predicted grade of C in GCE A Level/AS Level/AICE/ or English Language.

#### International Baccalaureate

International Baccalaureate English Literature Higher Level or English Language and Literature Higher Level or English A1 Higher Level or English A2 Higher Level in progress or passed with a minimum grade of 4.

#### MELAB

The minimum requirement is an overall score of 85, with no part score below 80. We do not require the optional MELAB Oral Test.

#### ELDA/COPE

The minimum requirement is an overall score of 86, with 32 in Writing and 22 in each of Reading and Listening.

For other acceptable tests and more information, visit [www.adm.utoronto.ca](http://www.adm.utoronto.ca).

### MATHEMATICS PREPARATION

Many programs (e.g., Management and most science programs) require a prerequisite course in Calculus.

#### All students

If you are in a school system that offers Calculus, then ensure you enrol in the course.

#### Non-Ontario students

Students may take the summer non-credit preparation program for university-level mathematics at the U of T St. George campus. Visit [www.math.utoronto.ca/cms/PUMP](http://www.math.utoronto.ca/cms/PUMP).

#### Transfer students

If you are applying to a program that requires university-level Calculus, we recommend that you enrol in the equivalent course at your university or college (if offered). In some cases, it may be possible to receive consideration if Calculus is completed at least to the high school level. If you have not taken Calculus in secondary school or the high school Calculus equivalent course in your postsecondary studies, you have extra preparation to do. Please contact the Admissions & Student Recruitment office directly.

### SELECTION CRITERIA

The admission average varies each year depending on competition for spaces. A wide range of criteria is evaluated, including the academic record, distribution of subjects taken, consistency in achievement, and performance in subjects relevant to the academic program selected. Non-academic information is beneficial for selection. Supplementary Application Forms (SAF) are required for some programs. Applicant Profiles are required for the Concurrent Teacher Education programs. Failure to submit these documents may jeopardize the consideration of your application.





### NEED IMMEDIATE ANSWERS TO YOUR QUESTIONS?

Get them online at [www.utsc.utoronto.ca/askus](http://www.utsc.utoronto.ca/askus). It's fast and simple to use. Ask your questions and receive an instant reply. The advanced real-time technology provides general information on University of Toronto Scarborough programs of study, admissions, fees, residence, financial aid and so much more. Ask Us is available 24-hours a day, 7 days a week.

### FOR FULL ADMISSION INFORMATION

UNIVERSITY OF TORONTO SCARBOROUGH  
ADMISSIONS & STUDENT RECRUITMENT  
1265 Military Trail  
Toronto ON Canada M1C 1A4  
Tel 416-287-7529  
[www.utsc.utoronto.ca/admissions](http://www.utsc.utoronto.ca/admissions)

ENROLMENT SERVICES UNIVERSITY OF TORONTO  
172 St. George Street  
Toronto ON Canada M5R 0A3  
Tel 416-978-2190  
[www.adm.utoronto.ca](http://www.adm.utoronto.ca)

For U of T Graduate Programs, visit [www.sgs.utoronto.ca](http://www.sgs.utoronto.ca)

[utsc.utoronto.ca/admissions](http://utsc.utoronto.ca/admissions)



### ALTERNATE OFFERS OF ADMISSION

Should the original choice not be approved, applicants to the following programs will be considered automatically for an alternate program choice at University of Toronto Scarborough: Co-op programs, Concurrent Teacher Education programs, Joint programs, Management and Computer Science. An alternate offer of admission will be to a non-Co-op program only, (e.g., Co-op Management applicants would be considered for non Co-op Management or Pre-program in Management). Places are reserved in second year in these very competitive programs for students to apply to at the end of the first year.

### TRANSFER STUDENTS FROM OTHER POSTSECONDARY INSTITUTIONS

Applicants who have met program prerequisites and have obtained a high level of academic achievement will be considered. With regard to the academic record, admission will be based on the overall record (secondary and post-secondary) with a strong emphasis on the performance in the last year of full-time study.

#### Limited-Enrolment Programs

Applicants to limited enrolment programs such as Biological Sciences, Computer Science and Management are expected to have taken similar prerequisite courses that current UTSC campus students take in first year to qualify for program consideration. Applicants are normally expected to have completed 4.0 transferable credits to be considered for direct admission to many limited-enrolment programs.

#### Restrictions

Transfer students with more than one year of university-level study are not eligible for admission to the following programs:

- ▶ Concurrent Teacher Education
- ▶ Co-op Cell & Molecular Biology
- ▶ Co-op Management programs – all options
- ▶ Co-op Neuroscience
- ▶ Journalism

In addition, we do not normally accept as degree candidates students who have completed more than two years (10 full credits) at the university level.

### Transfer Credits

Visit the UTSC Admissions website for details on transfer credit policy and sample evaluations. Subject to degree, grade and program requirements, courses offered for credit by other recognized institutions shall be accepted for credit where there is virtual equivalency in course content. A transfer credit evaluation will occur after an offer of admission has been made.

### ACADEMIC YEAR & ENTRY POINTS

UTSC operates on a trimester academic year consisting of three 12-week terms:

- ▶ Fall session – September to December
- ▶ Winter session – January to April
- ▶ Summer session – May to August

The Fall session is the only entry point for applicants admitted to a program full-time for the purpose of earning a degree at UTSC.

Entry in the Summer session may be possible for Part-time and Non-Degree studies. There is no entry in the Winter session.

### IMMIGRATION REQUIREMENTS – STUDY PERMITS/VISAS

International applicants are strongly advised to check very early for the requirements for study permits and entry visas with Citizenship and Immigration Canada (CIC). Do not wait until an admission decision has been made in order to begin the process of gathering required documentation for studying in Canada. In some instances, the CIC office serving your geographic region will require proof of English language proficiency in the form of a standardized test (such as TOEFL). A medical examination and proof of funding may also be required. Consult the nearest CIC office immediately for the full list of requirements.

The UTSC International Student Centre and the Centre for International Experience provide a variety of services regarding immigration regulations, healthcare, and other important non-academic matters. Visit [www.utsc.utoronto.ca/isc](http://www.utsc.utoronto.ca/isc) and [www.cie.utoronto.ca](http://www.cie.utoronto.ca).

# PROGRAMS OF STUDY

## PROGRAM TYPES

The four-year U of T undergraduate degree offered by the Scarborough campus requires 20.0 credits and specific program content.

### ► Specialist

These provide depth and intensity of study within a focused area and consist of prescribed courses totalling 9.0–15.0 credits.

### ► Major

These provide concentration in a discipline or disciplines and consist of prescribed courses totalling 6.0–8.0 credits.

### ► Minor

These provide study in a specific area for students who desire wide-ranging but coherent programs in different areas and consist of prescribed courses totalling 4.0 credits.

### ► Co-op

These work-study programs integrate related practical experience with academic studies.

### ► Concurrent Teacher Education

These are offered in collaboration with OISE/UT. They allow the completion of two different degrees simultaneously – an Honours BA or Honours BSc, plus a BEd.

### ► Joint

These are offered in collaboration with Centennial College. In most cases, students also have the opportunity to earn an applied diploma or certificate from Centennial College, which may require an additional session of study.

PROGRAM	SUBJECT(S) REQUIRED IN ADDITION TO ENGLISH	SPECIALIST	MAJOR	MINOR	CO-OP	OUAC APPL. CODE NON-CO-OP	CO-OP
<b>MANAGEMENT &amp; ECONOMICS PROGRAMS</b>							
<b>Admission Category: MANAGEMENT (BBA)</b>							
Management	C, F	■			■	TSM	TSN
Management & Accounting	C, F	■			■	TSM	TSN
Management & Finance	C, F	■			■	TSM	TSN
Management & Human Resources	C, F	■			■	TSM	TSN
Management & Information Technology	C, F	■			■	TSM	TSN
Management & International Business (co-op only)	C, F	■			■		TXB
Management & Marketing	C, F	■			■	TSM	TSN
Strategic Management	C, F	■			■	TSM	TSN
Economics for Management Studies	C, F	■			■	TSM	TSN
Economics for Management Studies (BA)	C, F		■	■		TSM	
<b>ARTS PROGRAMS</b>							
<b>Admission Category: HUMANITIES (BA)</b>							
African Studies				■		TSA	
Art & Culture – Studio Stream		■				TSA	
Art History			■	■		TSA	
Arts Management		■				TSA	
Classical Studies				■		TSA	
English		■	■		■	TSA	TXA
English Literature				■		TSA	
French	Fr or equiv	■	■	■	■	TSA	TXA
French for Francophones	Fr or equiv			■		TSA	
Global Asia Studies		■	■	■		TSA	
History		■	■	■	■	TSA	TXA
Journalism*		■				TSJ	
Linguistics		■	■	■	■	TSA	TXA
Literature & Film Studies				■		TSA	
Media Studies				■		TSA	
Music & Culture			■	■		TSA	
New Media Studies**§			■			TSA	
Philosophy		■	■	■	■	TSA	TXA
Psycholinguistics		■			■	TSA	TXA
Religion				■		TSA	
Studio (Fine Art)			■	■		TSA	
Theatre & Performance Studies			■	■		TSA	
Women's & Gender Studies			■	■	■	TSA	TXA
<b>Admission Category: SOCIAL SCIENCES (BA)</b>							
Anthropology (BA/BSc)		■	■	■		TSS	
City Studies			■		■	TSS	TXA
Diaspora & Transnational Studies			■	■		TSS	
Geography							
• Human Geography			■	■		TSS	
• Physical & Human Geography			■			TSS	
Health Studies (BA/BSc)			■	■	■	TSS	TXA
• Population Health Stream (BSc)****			■		■	TSS	TXA
• Health Policy Stream (BA)***			■		■	TSS	TXA
International Development Studies		■	■		■	TSS	TSD
Political Science		■	■	■		TSS	
Public Policy			■		■	TSS	TXA
Sociology		■	■	■		TSS	



PROGRAM	SUBJECT(S) REQUIRED IN ADDITION TO ENGLISH	SPECIALIST	MAJOR	MINOR	CO-OP	OUAC APPL. CODE NON-CO-OP	OUAC APPL. CODE CO-OP
<b>SCIENCE PROGRAMS</b>							
<b>Admission Category: COMPUTER SCIENCE, MATHEMATICS &amp; STATISTICS (BSc)</b>							
Computer Science	C, F		■	■	■	TXC	TSC
• Comprehensive Stream	C, F	■			■	TXC	TSC
• Health Informatics Stream***	C, F	■			■	TXC	TSC
• Information Systems Stream	C, F	■			■	TXC	TSC
• Software Engineering Stream	C, F	■			■	TXC	TSC
Mathematics	C, F		■		■	TXC	TSC
Mathematics							
• Comprehensive Stream	C, F	■			■	TXC	TSC
• Design Your Own Stream	C, F	■			■	TXC	TSC
• Statistics Stream	C, F	■			■	TXC	TSC
• Teaching Stream	C, F	■			■	TXC	TSC
Statistics	C, F		■	■	■	TXC	TSC
Statistics							
• Machine Learning & Data Mining Stream***	C, F	■			■	TXC	TSC
• Quantitative Finance Stream***	C, F	■			■	TXC	TSC
<b>Admission Category: LIFE SCIENCES(BSc)</b>							
Applied Microbiology*§	C, F, Bio, Ch	■				TSL	
Biodiversity, Ecology & Evolution	C, F, Bio, Ch	■	■			TSL	
Biology	C, F, Bio, Ch		■	■		TSL	
Cell & Molecular Biology	C, F, Bio, Ch	■			■	TSL	TSU
Human Biology	C, F, Bio, Ch	■	■			TSL	
Integrative Biology	C, F, Bio, Ch	■				TSL	
Mental Health Studies		■	■		■	TSL	TSU
Neuroscience	C, F, Bio, Ch	■	■		■	TSL	TSU
Paramedicine*	F, Bio, Ch	■				TSI	
Psychology		■	■	■	■	TSL	TSU
<b>Admission Category: PHYSICAL &amp; ENVIRONMENTAL SCIENCES (BSc)</b>							
Astronomy & Astrophysics	C, F, Ph			■		TSP	
Biochemistry	C, F, Bio, Ch; (rec Ph)		■		■	TSP	TSB
Biological Chemistry	C, F, Bio, Ch; (rec Ph)	■			■	TSP	TSB
Chemistry	C, F, Ch; (rec Ph)	■	■		■	TSP	TSB
Environmental Biology	C, F, Bio, Ch; (rec Ph)	■			■	TSP	TSB
Environmental Chemistry	C, F, Bio, Ch; (rec Ph)	■			■	TSP	TSB
Environmental Geoscience	C, F, Bio, Ch; (rec Ph)	■			■	TSP	TSB
Environmental Physics	C, F, Ch, Ph; (rec Bio)	■			■	TSP	TSB
Environmental Science	C, F, Bio, Ch; (rec Ph)		■	■	■	TSP	TSB
Environmental Science & Technology*§	C, F, Bio, Ch; (rec Ph)	■				TSP	
Environmental Studies (BA)***			■			TSP	
Physical & Mathematical Sciences	C, F, Ch, Ph	■			■	TSP	TSB
Physical Sciences	C, F, Ch, Ph		■		■	TSP	TSB
Physics & Astrophysics	C, F, Ph	■	■		■	TSP	TSB
<b>TEACHER EDUCATION PROGRAMS</b>							
<b>Admission Category: CONCURRENT TEACHER EDUCATION</b>							
Concurrent Teacher Education – French (BA, BEd)	Fr or equiv	■				TEA	
Concurrent Teacher Education – Science: Chemistry, Mathematics or Physics (BSc, BEd)	C, F A specialist or major program in Chemistry, Math or Physics must be completed. See the additional subjects required for Chemistry or Physics.	■	■			TES	

**PROGRAM COMBINATIONS**

In most instances for a degree, it is possible to combine multiple programs across the areas of study: arts, sciences and management. Use this chart to determine the many programs for which you are eligible.

When applying, select only one primary program of interest, using one code on the application form.

After admission, enrol in the courses for the program or category to which you have been admitted and other appropriate courses to satisfy one of the following options:

- 1 Specialist program or
- 2 Major programs (double major) or
- 1 Major and 2 Minor programs

Note: Co-op programs and Joint programs are Specialist or Major programs only.

**PROGRAM DURATION**

Programs are structured to be completed in four years, except for these programs which are structured to take five years to complete: the Concurrent Teacher Education programs and the Co-op International Development Studies program.

**LEGEND**

- Bio Biology
- C Calculus & Vectors
- Ch Chemistry
- E English
- F Advanced Functions
- Fr French
- Ph Physics
- rec recommended (this subject can be beneficial to your understanding of the area of study)
- / or
- , and

§ Not direct entry from high school, a minimum of one year of postsecondary studies required

\* U of T degree plus Centennial College diploma earned

\*\* U of T degree plus Centennial College certificate earned

\*\*\* Pending final approval

# SCHOLARSHIPS, FEES & FINANCIAL AID

## COUNSELLING

University of Toronto Scarborough Financial Aid Advisors provide numerous services including:

- ▶ Individual counselling appointments
- ▶ Workshops and seminars
- ▶ Budget advice and assistance
- ▶ Emergency assistance
- ▶ General advice on financial aid and financing your education

## TUITION FEES 2012|2013

Based on a normal full-time course load of 5.0 credits.

PROGRAM	DOMESTIC STUDENTS		INTERNATIONAL STUDENTS	
	YEAR 1	UPPER YEAR	YEAR 1	UPPER YEAR
<b>Concurrent Teacher Education</b>	\$5,943	\$6,240	\$28,409	\$29,904
<b>Computer Science</b>	\$5,695	\$10,253	\$28,409	\$31,402
<b>Management</b>	\$5,695	\$14,259	\$28,409	\$34,510
<b>All other programs</b>	\$5,695	\$5,980	\$28,409	\$29,904

For fees purposes, a Domestic student is a student whose immigration status in Canada is citizen or permanent resident, regardless of country of residence.

## ESTIMATED ADDITIONAL EXPENSES 2012|2013

For the eight-month period September to April, unless otherwise stated.

ITEM	COST	NOTES
<b>Additional Academic Fees</b>		Approx. annual cost for the administration of:
• Co-op Programs	\$746–\$1,176	• Co-op work terms
• Joint Programs	\$40–\$190	• Joint program internships/field experience
• Concurrent Teacher Education	\$100–\$550	• Education teaching placements
<b>Incidental/Ancillary Fees</b>	\$1,173	Fees are for student services operated by the student union and the university.
<b>Residence Housing</b>	\$5,042–\$7,426	Cost includes utilities – heat, electricity and water. Optional meal plans are not included.
<b>Books &amp; School Supplies</b>	\$1,400	
<b>University Health Insurance (UHIP)</b>	\$684	Approx. annual cost (12 months). Mandatory for international students.

## FEES

All fees are listed in Canadian currency and are subject to change. Fees for the 2013-2014 academic year will be approved in April 2013 and are available on the website of the Vice-President and Provost. You may use the current fees listed above as an estimate. Detailed fee information is also available from [www.fees.utoronto.ca](http://www.fees.utoronto.ca) (starting in July).

## U OF T FINANCIAL ASSISTANCE

### UTAPS – University of Toronto Advance Planning for Students

This program has three components:

1. UTAPS is a planning tool for prospective and current students. By completing the online application available at [www.adm.utoronto.ca/utaps](http://www.adm.utoronto.ca/utaps) you may obtain early information about the amount of government aid and possible U of T grant assistance you can expect. The UTAPS assessment allows you to start your financial planning early.
2. UTAPS is also used as an application for many of our scholarships and special grant programs.

*We recommend that all applicants who are Canadian citizens or permanent resident submit a UTAPS application.*

3. UTAPS is a grant program for students who are receiving a student loan. OSAP recipients are automatically considered for this grant after classes begin in September. Out-of-province and First Nations students must apply for the UTAPS grant. Applications are available from the Registrar's Office.

### UTSC Grant/Bursary Program

Grant/Bursary applications are available for full-time students three times a year: in the Fall, the Winter and Summer semesters. The application is available through eService after classes start in each semester for a period of approximately five weeks. Deadlines are available on the Registrar's Office website.

### Work Study Program

A wide variety of career-related part-time jobs are available at U of T. Students can begin to apply for positions starting in early September. Successful applicants are allowed to work up to 12 hours a week. Interested students can visit the Academic Advising & Career Centre for more information.

## GOVERNMENT LOANS & GRANTS

### Ontario Residents

1. **OSAP – Ontario Student Assistance Program** provides interest-free loan funding to eligible Ontario residents who are studying on a full-time basis. Applications are available starting in May online at <http://osap.gov.on.ca>. If you cannot use the online application, contact the UTSC Financial Aid & Awards Office.
2. **30% Off Ontario Tuition Grant** provides a grant of \$1,680 for full-time degree studies to eligible Ontario residents who are studying at an Ontario university. The criteria for this grant are available from the OSAP website at <http://osap.gov.on.ca>.

### Other Canadian Provinces & Territories

Students residing in other Canadian provinces or territories can apply for student loans from their provincial (or territorial) governments.

### First Nations Students

Eligible Status Indian or Inuit students planning on doing university studies may qualify for financial support through their band and/or other government-sponsored programs.

Check with your Band or the website for Aboriginal Affairs & Northern Development Canada.

### Other Countries

Students residing outside of Canada should check with their local governments for loans or funding applicable for studying in Canada.

## ENTRANCE SCHOLARSHIPS AND AWARDS

See chart on opposite page.

University of Toronto Scarborough offers scholarships and awards to students entering their first year. Notification of receipt of an entrance award will accompany an offer of admission. Additional scholarships and awards are available beyond the first year for achievements during subsequent years of study.

We want to make sure that the cost of a post-secondary education is not a deterrent to obtaining a university degree. The University has allocated approximately \$3.6 million worth of financial support annually for the students who attend University of Toronto Scarborough.



SCHOLARSHIP / AWARD	VALUE	NUMBER	NOTES
<b>Automatic Consideration – Application not required</b>			
<b>U of T Scholars Award</b>	\$5,000	350 (approx.)	Open to applicants to any U of T campus. Based on academic excellence. See details at <a href="http://www.adm.utoronto.ca">www.adm.utoronto.ca</a>
<b>President's Entrance Scholarship Program</b>	\$2,000	varies	All applicants who meet the following criteria will receive admission scholarship(s) from the University, its campuses, faculties or colleges totalling at least \$2,000 provided that they enroll in first year at U of T in the fall: students who are Canadian citizens or permanent residents; studying at a secondary school or CEGEP in Canada; have completed each of the courses required for admissions, including prerequisites, with 'A' standing; and whose admission average is 92% or better. See details at <a href="http://www.adm.utoronto.ca">www.adm.utoronto.ca</a> .
<b>University of Toronto Scarborough Entrance Awards</b>	\$3,000 \$1,500 \$1,000	varies	Based on academic excellence.
<b>John Ball Alumni Entrance Scholarship</b>	\$2,000	1	Based on academic excellence.
<b>University of Toronto Scarborough Merit Scholarship</b>	\$1,500 (approx.)	2	Based on academic excellence.
<b>Paul Thompson Entrance Scholarship in Life Sciences</b>	\$600 (approx.)	1	Open to applicants to Biological Sciences, Psychology, Mental Health Studies, Neuroscience. Based on academic excellence.
<b>Application required</b> *Unless otherwise indicated, see the UTSC Admissions website for more details: <a href="http://www.utsc.utoronto.ca/admissions">www.utsc.utoronto.ca/admissions</a>			
<b>National Scholarship</b> * Tuition (x four years); residence support in first year plus a varying, renewable cash award.	*	10 (approx.)	Open to applicants to any U of T campus. Based on academic excellence coupled with creativity, intellectual enthusiasm and school/community involvement. Special consideration and essay. Secondary school nominates one candidate, or students may apply directly at <a href="http://www.adm.utoronto.ca">www.adm.utoronto.ca</a> .
<b>Arbor Scholarship</b> **\$5,000 in first year; renewable at \$1,500 in upper years	**	10 (approx.)	Open to applicants to any U of T campus. See details at <a href="http://www.adm.utoronto.ca">www.adm.utoronto.ca</a> .
<b>Lo Family Scholarship</b>	\$5,000	3	Based on academic merit, leadership skills, involvement in school/community, and financial need. Must submit a letter outlining community activity and demonstrated leadership skills, and a letter of support from the school. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>William Guy Walton Scholarship</b>	\$5,000	1	Open to applicants from "City of Scarborough" secondary schools on the basis of financial need and academic merit. Leadership role is considered. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>University of Toronto Scarborough Faculty and Staff Award</b>	\$2,000 (approx.)	1	Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>van den Thillart Excellence in Management Entrance Scholarship</b>	\$1,700	1	Open to Management program applicants. Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>John H. Youson Entrance Award in Biological Sciences</b>	\$1,500 (approx.)	1	Open to applicants in programs in Biological Sciences. Based on academic excellence, extra-curricular involvement in school or community and financial need. Download application from the UTSC Admissions website. Deadline March 1, 2013.
<b>Pacheco Family Memorial Entrance Award in Education</b>	\$1,500 (approx.)	1	Open to Concurrent Teacher Education Program applicants. Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>Relph Admission Scholarship</b>	\$1,500 (approx.)	1	Open to applicants in any Social Science programs. Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>The ClearView Awards</b>	\$1,500 (approx.)	1	Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>University of Toronto Scarborough Alumni Admission Award</b>	\$1,500	2	Based on academic record and community service. Download application from the UTSC Admissions website. Deadline March 1, 2013.
<b>Terry Litovitz Merit Award in Management</b>	\$1,200 (approx.)	1	Open to Management BBA program applicants. Based on academic excellence and demonstrated leadership in high school or in the broader community. Deadline March 1, 2013.
<b>The Scarborough Frank Faubert Scholarship</b>	\$1,000-\$3,000	40	Open to Management program applicants from "City of Scarborough" secondary schools. Based on financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>Canadian Federation of University Women Scarborough Entrance Scholarship</b>	\$1,200 (approx.)	1	Open to applicants from "City of Scarborough" secondary schools. Based on academic record, community service and financial need. Download application from the UTSC Admissions website. Deadline March 1, 2013.
<b>U of T Education Workers Entrance Scholarship (CUPE 3902)</b>	\$1,000	12	Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>U of T Scarborough GRADitude Legacy Award</b>	\$900 (approx.)	1	Based on outstanding community service and academic achievement. Download application from the UTSC Admissions website. Deadline March 1, 2013.
<b>Dyck McLean Relph Award in Humanities/Social Sciences</b>	\$800 (approx.)	1	Open to applicants to any Humanities or Social Science Programs. Based on academic excellence and financial need. Complete the online UTAPS form Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>F.E.J. Fry Entrance Award in Biological Sciences</b>	\$800 (approx.)	1	Open to applicants in programs in Biological Sciences. Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.
<b>The Orrell Family Scholarship</b>	\$750 (approx.)	1	Open to Co-op International Development Studies applicants. Based on academic excellence and financial need. Complete the online UTAPS form (see pg. 64). Deadline March 1, 2013.

For scholarships/awards allocated on mid-term or predicted grades, recipients must maintain strong academic achievement on final results to retain their scholarships/awards. All courses must be completed by June of the current academic year to be eligible for entrance scholarships/awards. A limited number of scholarships are available for international students.

# Visit Us!



## CAMPUS TOURS

Monday to Friday throughout the year and conducted by current students. To arrange a tour, call 416-287-7529 or book online at [www.utscc.utoronto.ca/admissions](http://www.utscc.utoronto.ca/admissions).

## FALL CAMPUS DAY

Saturday, November 10, 2012

Get the comprehensive information you need in order to select the right program before applications are due. Details online at [www.utscc.utoronto.ca/admissions](http://www.utscc.utoronto.ca/admissions).

## MARCH APPLICANT SHOWCASE

Saturday, March 23, 2013

Find out how the program that you have applied to can lead to a great future. All applicants to University of Toronto Scarborough will receive an invitation to attend an open house event, with tours included.

The best way to determine if UTSC is the right campus for you is to experience us in person. Visit the campus for a look at our facilities, services, student life, residence life and for information on our degree programs. Take a guided tour and attend our special open house events for prospective students.





Find us on Facebook:  
[uoft.scarborough](https://www.facebook.com/uoft.scarborough)

**UNIVERSITY OF TORONTO SCARBOROUGH  
 ADMISSIONS AND STUDENT RECRUITMENT**  
 1265 Military Trail, Toronto M1C 1A4  
**416-287-7529** Fax 416-287-7525

For directions and TTC connections,  
 visit [utsc.utoronto.ca/admissions/directions](https://utsc.utoronto.ca/admissions/directions).



- 1 SOUTH RESIDENCES**
- 2 ATHLETICS & RECREATION CENTRE**
- 3 ACADEMIC RESOURCE CENTRE (AC)**
  - Academic Advising & Career Services
  - Library
- 4 SOCIAL SCIENCES BUILDING (MW)**
- 5 BLADEN WING (BV)**
  - Bookstore
  - Doris McCarthy Gallery
- 6 STUDENT CENTRE (SL)**
  - Department of Student Life
  - Health & Wellness Centre
  - Student Affairs & Services
  - SCSU – Students' Union
- 7 ARTS & ADMINISTRATION BUILDING (AA)**
  - Admissions & Student Recruitment
  - Registrar's Office
- 8 HUMANITIES WING (HW)**
- 9 SCIENCE WING (SW)**
  - AccessAbility Services
  - Meeting Place
- 10 SCIENCE RESEARCH BUILDING (SY)**
- 11 INSTRUCTIONAL CENTRE**
  - Co-op Program Office
  - International Student Centre

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#### THE ARTS

Art & Culture  
Art History  
Arts Management  
Literature & Film Studies  
Media Studies  
Music & Culture  
New Media Studies  
Studio (Fine Art)  
Theatre & Performance Studies

#### COMPUTER & MATHEMATICAL SCIENCES

Computer Science  
Mathematics  
Statistics

#### THE ENVIRONMENT & PHYSICAL SCIENCES

Astronomy & Astrophysics  
Biochemistry  
Biological Chemistry  
Chemistry  
Environmental Science  
Environmental Science & Technology  
Environmental Studies  
Physical & Mathematical Sciences  
Physical Sciences  
Physics & Astrophysics

#### HEALTH

Health Informatics  
Health Studies  
Human Biology  
Mental Health Studies  
Paramedicine

#### HUMANITIES

African Studies  
Classical Studies  
English  
French  
Global Asia Studies  
History  
Journalism  
Linguistics  
Psycholinguistics  
Philosophy  
Religion  
Women's & Gender Studies

#### LIFE SCIENCES

Applied Microbiology  
Biodiversity, Ecology & Evolution  
Biology  
Cell & Molecular Biology  
Health Studies  
Human Biology  
Integrative Biology  
Mental Health Studies  
Neuroscience  
Paramedicine  
Psychology

#### MANAGEMENT

Management  
Management & Accounting  
Management & Finance  
Management & Human Resources  
Management & Information Technology  
Management & International Business  
Management & Marketing  
Strategic Management  
Economics For Management Studies

#### SOCIAL SCIENCES

Anthropology  
City Studies  
Diaspora & Transnational Studies  
Geography (Physical & Human)  
Health Studies  
International Development Studies  
Political Science  
Public Policy  
Sociology

#### TEACHING

Concurrent Teacher Education  
– French  
Concurrent Teacher Education  
– Science: Chemistry,  
Mathematics, or Physics

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