INTERNATIONAL ADMISSION **BULLETIN 2012/13** 

A Fine Balance **MISTRY** 

MEASHA BRUEGGERGOSMAN

Surprise

WIKINO MICS

Don Tapscott (contr.)

ROHINTON

M\*A\*S\*H

'URDAY

FIRST CANADIAN WIN AN OLYMPIC George Orton

In the Heat of the Night THE LORD OF THE RINGS: THE TWO TOWERS SOUNDTRACK

IN FLANDERS FIELDS

Margaret MacMillan

### FIRST CAR RADIO

ANTI-BLACK-OUT SUIT

Wilbur Franks

ISOLATION OF CYSTIC FIBROSIS GENE Lap-Chee Tsui, Manuel Buchwald, Jack Riordan

(contr.)

POEMS FOR PEOPLE

Joyous Light

NORMAN EWISON

ISABEL BAYRAKDARIAN

Persona

THE CITIZEN LAB Ronald Diebert University of Toronto Established

eBAY Jeffrey Skoll (contr.)

The Rise of the Creative Class

ALKALINE BATTERY Lewis Urry Peter St. George-Hyslop **MUNK** 

WORLD'S FIRST **BATTERY-LESS** BROADCASTING **STATION** Edward S. Rogers

Janice Gross Stein

ROSEMARY Shadow Maker

LINDA HUTCHEON

rony's Edge

The Tipping Poin

John McCrae

# Frank Henry & Ralph Pounsett

**PARIS** 1919

Frederick Banting, Charles Best, J.J.R. Macleod, J.B. Collip

Sunshine Sketches of a Little Town

FUNCTIONAL Walter Kohn DENSITY THEORY

Griffith Pearson & Joel Cooper

Northrop Frye

LIONA BOYD

KLEIN

No Logo

PECES Anne Michaels Yoshio Masui

IAN HACKING The Taming of Chance

### **UNIVERSITY OF TORONTO**

# International Undergraduate Admission Information 2012/13

Established in 1827, the University of Toronto is one of the oldest and most internationally recognized universities in North America. Canada's largest university takes pride in a tradition of excellence. No other Canadian university offers as great a diversity of programs and resources. Academic excellence is the prime goal, but the importance of the total university experience is also recognized.

Student enrolment is 76,000; the faculty numbers 10,391.

mong the University's many outstanding resources is its library system, rated one of the top five in North America. More than 40 libraries contain the most comprehensive collection of research material in Canada. There is residence space for over 8,300 students, a health service, an advisory bureau, an international student centre, a career centre, a housing service, restaurants, bookstores, athletic and recreational facilities and facilities for music, theatre and debate.

#### **LOCATION**

Toronto is one of the friendliest and safest cities in the world. There are three locations at which students may study. U of T St. George is located in the heart of downtown Toronto; U of T Scarborough is 22 km (14 miles) to the east of U of T St. George; and U of T Mississauga is 27 km (17 miles) to the west of U of T St. George. All three campuses offer studies in arts, science, business and education; most of the professional faculties are located at U of T St. George.

#### FOR MORE INFORMATION

Admissions and Awards 172 St. George Street Toronto, ON, Canada M5R 0A3 Telephone: 416-978-2190 Websites: www.adm.utoronto.ca discover.utoronto.ca



### **VISIT U OF T**

**U OF T ST. GEORGE** 416-978-5000

discover.utoronto.ca/visits

#### **U OF T MISSISSAUGA**

905-828-5399 www.utm.utoronto.ca/tours

### U OF T SCARBOROUGH

416-287-7529 www.utsc.utoronto.ca/admissions

### **HOW TO APPLY**

All applicants apply to U of T through the Ontario Universities' Application Centre (OUAC). If you are unable to apply online, you can request a paper application by email: request@ouac.on.ca (subject of email "paper application"); by telephone: 519-823-1063; or by writing to the Ontario Universities' Application Centre: 170 Research Lane, Guelph, Ontario, Canada N1G 5E2.

Please note there is an application fee for the Ontario Universities' Application Centre and an additional \$90 application fee for the University of Toronto.

The University of Toronto operates on an academic year rather than on a semester or quarter system. Students begin their studies in September and continue until May of the following year.

The University of Toronto does not deal with agents and it does not recommend that applicants deal with agents.

For more details about application procedures and deadlines, visit our website www.adm.utoronto.ca.

### APPLICATION DEADLINES FOR INTERNATIONAL APPLICANTS

January 16 - Music (including Concurrent Teacher Education Program)

February 1 - Engineering; Nursing;
Concurrent Teacher Education Programs
(U of T Mississauga; U of T Scarborough;
Physical Education & Health/Kinesiology)

March 1 - U of T St. George (Arts, Science,
Commerce, Architecture, Medical Radiation
Sciences, Physical Education and Health/
Kinesiology, International Foundation
Program); U of T Mississauga (Arts,
Science, Commerce/Management); U of T
Scarborough (Arts, Science, Management)

### STUDENT PERMIT/VISA

If you are not a citizen or permanent resident of Canada, you should apply for a study permit and entry visa (depending on citizenship) as soon as you receive your letter of admission from the University. You can obtain applications for these documents from a Canadian embassy or consulate before departing.

### CENTRE FOR INTERNATIONAL EXPERIENCE

Adapting to a new cultural environment and a new education system may present some unexpected challenges. The Centre for International Experience is ready to help you with a wide range of services and programs. Visit www.cie.utoronto.ca

### **GUARDIANSHIP**

If you are an international student under the age of 18, you may be asked by Immigration Canada to find a Canadian citizen to act as a guardian. Your family is responsible for satisfying this requirement.

### **ADMISSION QUALIFICATIONS**

Applicants who are competitive for admission to the University of Toronto are among the top third of their class. Only those applicants who have attained a high level of academic achievement and who completely satisfy prerequisites will be admitted. Detailed course descriptions and reading lists may be necessary to ensure that subject requirements have been met. See also English Language Requirements.

For a complete list of admission qualifications including academic and non-academic requirements visit www.adm.utoronto.ca

#### TRANSFER STUDENTS

Arts, Science, Business (all campuses):
A maximum of ten transfer credits (two full years) will be awarded to those candidates who have completed two years beyond the basis for admission at another recognized university.

Refer to www.adm.utoronto.ca for detailed information about minimum admission requirements for your educational jurisdiction.

Applicants who have completed more than half of their program at another recognized institution are not eligible to transfer to the same field of study.

Students will be notified of the transfer credits to which they are entitled as soon as possible after they have been admitted and paid the Transfer Credit Assessment Fee. Details on fee payment will be provided when an offer of admission is made. Interviews may be required.

Applicants with a bachelor's degree or equivalent from another university who wish to complete a second undergraduate degree in arts, science or business may apply for admission to a second degree program. Those admitted to a second degree program will be granted a maximum of one year of transfer credit (five full credit courses).

It is not possible to complete a second undergraduate degree in the same field as a first degree (for instance students who have completed a degree in or have majored in economics, management, commerce or business cannot complete a Bachelor of Commerce degree or Bachelor of Business Administration).

An applicant who already holds an undergraduate degree is advised to apply as a Non-degree student to take courses to qualify for graduate level studies or other professional programs. Please note that it may not be possible to register in courses that are in high demand.

Applicants who hold an undergraduate degree in Engineering cannot be offered admission to our undergraduate Engineering faculty.

### UNDERGRADUATE PROGRAMS REQUIRING UNIVERSITY PREPARATION

Dentistry; Education; Law; Medical Radiation Sciences; Medicine; Nursing; Pharmacy; Physician Assistant - for detailed information visit www.utoronto.ca

#### **SCHOLARSHIPS AND FINANCIAL AID**

The University of Toronto provides a range of admission scholarships. All applicants are considered automatically for admission scholarships based on their academic performance. Scholarship offers are sent at the same time as our offers of admission. Canadian citizens and permanent residents living outside Canada are also eligible for the University of Toronto financial aid guarantee that assures support for students with financial need.

U.S. citizens can apply for financial assistance from the U.S. Federal Family Education Loan Program (FFELP). The University of Toronto is a recognized post-secondary institution for Federal Stafford Loans (PLUS/Subsidized/Unsubsidized). Education Savings Plans, and US Federal Education Tax credits are also applicable. Complete details can be found at www.adm.utoronto.ca

To obtain a study permit, international students must demonstrate to Citizenship and Immigration Canada that they have sufficient resources to cover tuition and expenses for at least one year of university. www.cic.gc.ca

#### **HOUSING**

Residence is guaranteed to full-time students entering university for the first time, providing they request housing on their application for admission and receive an offer of admission by May 31st.

For details contact:

U of T St. George Student Housing Service Tel: 416-978-8045 www.housing.utoronto.ca

### U of T Mississauga

Residence Services Centre Tel: 905-828-5286 www.utm.utoronto.ca/housing

### U of T Scarborough

Student Housing and Residence Life Office Tel: 416-287-7365 www.utsc.utoronto.ca/residences

### THE UNIVERSITY OF TORONTO

RESIDENCE INFORMATION						
Residence	Contact	Type (M / F / Co-ed)	Total Places	Compulsory Meal Plan	Fee Low	Fee High
U of T Mississauga						
Student Housing and Residence Life 3359 Mississauga Rd. N. Mississauga, ON L5L 1C6	T 905-828-5286 F 905-828-5473 resdesk.utm@utoronto.ca www.utm.utoronto.ca/housing	M, F	1500	declining balance meal card; three meal plan options open to first year students	\$6,441	\$6,560
$U\ of\ T\ Scarborough$						
Student Housing and Residence Life 1265 Military Trail Toronto, ON M1C 1A4	T 416-287-7365 F 416-287-7667 residences-office@utsc.utoronto.ca www.utsc.utoronto.ca/residences	M, F	767 (townhouses and apartments)	optional declining meal plan, 5-19 meals/wk; well equipped kitchens	\$4,899	\$7,360
U of T St. George						
Chestnut Residence Residence Office 89 Chestnut St. Toronto, ON M5G 1R1	T 416-978-8863 F 416-585-3197 chestnut.residence@utoronto.ca www.chestnutresidence.utoronto.ca	F, Co-ed	1039	15 meals/wk; 330 meals/yr or carte blanche; meals to accommodate diverse needs	\$12,155	\$15,506
Innis College Office of the Dean 111 St. George St. Toronto, ON M5S 2E8	T 416-978-2512 F 416-971-2464 residence.innis@utoronto.ca	M, F	327 (81 apartments)	no meal plan; fully equipped kitchens	\$6,886	\$6,886
New College Office of Residence and Student Life 40 Willcocks St. Toronto, ON M5S 1C6	T 416-978-8875 F 416-971-3072 new.residence@utoronto.ca	M, F, Co-ed	786	15 meals/wk; 330 meals/yr or carte blanche; vegetarian selections and Halal options; all you care to eat	\$9,688	\$12,162
St. Michael's College: Loretto College Dean of Women 70 St. Mary St. Toronto, ON M5S 1J3	T 416-925-2833 F 416-925-2977 loretto.college@utoronto.ca	F	115	21 meals/wk; vegetarian selection; international cuisine	\$10,400	\$10,980
St. Michael's College Student Residence Dean of Students 81 St. Mary St. Toronto, ON M5S 1J4	T 416-926-7127 F 416-926-2268 smc.residence@utoronto.ca stmikes.utoronto.ca/smcresidence	M, F	466	continuous dining with 3 options: 5 day meal plan from Sunday- Thursday or Monday- Friday; 7 day meal plan	\$10,525	\$11,795
Trinity Residence and St. Hilda's Residence Dean of Students 44 Devonshire Place Toronto, ON M5S 2E2	T 416-978-3612 F 416-978-4380 deanofstudents@trinity.utoronto.ca	M, F	430	15-19 meals/wk; or 330 meals/yr; vegetarian, vegan and meat choices	\$11,300	\$11,800
University College Residence Office 79 St. George St. Toronto, ON M5S 2E5	T 416-978-2530 F 416-971-2029 uc.residences@utoronto.ca	Co-ed	720	À-la-carte declining balance; wide variety of menu options, including vegetarian, to suit diverse student needs	\$10,205	\$10,695
Victoria College Office of the Dean of Students 140 Charles St. West Toronto, ON M5S 1K9	T 416-585-4494 F 416-813-4045 vic.dean@utoronto.ca	M, F, Co-ed	800	combination of all- you-care-to-eat meals and a declining flex dollar system; Halal, vegetarian, vegan and late night meal options	\$9,425	\$13,500
Woodsworth College Residence Office 321 Bloor St West Toronto, ON M5S 1S5	T 416-623-1685 F 416-971-2611 residence@wdw.utoronto.ca	M, F, Co-ed	360	no meal plan; fully equipped kitchens	\$7,970	\$7,970

#### **TUITION AND INCIDENTAL FEES 2011-2012 (subject to change)**

The cost of attending university varies according to the student's program of study and place of residence during the academic year (September to April).

### **Program**

#### **International Students**

### **Canadian Citizens, Permanent Residents**

	\$ CAD	\$ USD *	\$ CAD	\$ USD *
Engineering	\$30,404	\$31,091	\$12,252	\$12,529
Arts, Science, Commerce, Management	\$26,883 - \$27,243	\$27,491 - \$27,859	\$6,507 - \$6,867	\$6,654 - \$7,022
Music	\$24,570	\$25,125	\$6,488	\$6,635
Physical Education & Health	\$24,590	\$25,146	\$6,508	\$6,655
Concurrent Teacher Education Program:				
Music	\$26,877	\$27,484	\$6,738	\$6,890
Physical Education & Health	\$26,897	\$27,505	\$6,759	\$6,912
U of T Mississauga	\$26,949	\$27,558	\$6,811	\$6,965
U of T Scarborough	\$27,000	\$27,610	\$6,862	\$7,017

Tuition fees increase in the second year of some programs. A complete tuition fee schedule is available at www.fees.utoronto.ca

#### **ENGLISH LANGUAGE REQUIREMENTS**

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

- whose first language (i.e. the language 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 fulltime study in Canada.

If you are uncertain whether or not you will be required to take an English facility test, contact Admissions and Awards, University of Toronto, 172 St. George Street, Toronto, ON, Canada M5R OA3. Provide full information about your language and copies of transcripts/documents supporting your claim, and we will let you know.

### **ADDITIONAL COSTS**

	\$ CAD	\$ USD *
Residence		
With Meals	\$9,425 - \$15,506	\$9,638 - \$15,856
Without Meals	\$4,824 - \$7,970	\$4,933 - \$8,150
Other Costs		
Books	\$1,000	\$1,023
Health Insurance (compulsory)	\$684	\$699

\*Currency conversion calculated on 13/06/11. Current currency conversions are available at www.bankofcanada.ca

If you do not meet the U of T's language requirements but have demonstrated superior academic performance at the high school level, you may be interested in the International Foundation Program (www.ifp.utoronto.ca) offered at New College in the Faculty of Arts and Science or the Faculty of Applied Science and Engineering.

# ACCEPTABLE TESTS/QUALIFICATIONS AND REQUIRED SCORES

Register well in advance for the test as space is limited. Note that some test results will not be available to us until seven or eight weeks after the test date.

We accept only official test scores sent directly to Admissions and Awards by the issuing agency. We recommend that you request that your result be sent to us as soon as it is available. You will not be penalized for a low result if we receive an acceptable result on a later test.

# 1. Test of English as a Foreign Language (TOEFL)

Minimum Requirement

iBT – total score of 100 + 22 on Writing PBT – total score of 600 + 5.0 on TWE Discretionary Range\*

iBT - total score 89-99 + 19-21 on Writing PBT - total score 573-597 + 4.5 on TWE

The TOEFL institution code for undergraduate studies at the University of Toronto is 0982-00. You must list this code correctly on the TOEFL forms, or we will not receive your result. We receive your result electronically from TOEFL. We do not accept paper results.

Web: www.ets.org/toefl Email: toefl@ets.org Tel: (609) 771-7100; Fax: (610) 290-8972; Mail: TOEFL Services, P.O. Box 6151, Princeton, NJ 08541-6151, USA.

### 2. Michigan English Language Assessment Battery (MELAB)

Minimum Requirement
Overall score of 85, with no part score
below 80
Discretionary Range\*
Overall score of at least 80 with no part
score below 80

We do not require the optional MELAB Oral Test. MELAB is currently available in Canada and USA only.

Website: www.lsa.umich.edu/eli/testing/melab or www.melab.ca
Email: melabelium@umich.edu

or info@melab.ca

Tel: 734-615-5605 (toll free from Canada

and USA: 1-866-696-3522) Fax: 734-615-6586

Mail: MELAB, University of Michigan, 500 E. Washington St., Ann Arbor, MI 48104-2028,

USA.

# 3. English Language Diagnosis and Assessment/Certificate of Proficiency in English (ELDA/COPE)

Minimum Requirement
Overall score of 86, with 32 in Writing and
22 in each of Reading and Listening.
Discretionary Range\*
Overall score of 80-85, with 28-31 in Writing
and 18-21 in each of Reading and Listening.

For tests taken before January 2008, the minimum requirement is an overall score of 5, with 2 in Writing, and 1 or 2 in Reading and Listening sections. ELDA/COPE is currently available in Toronto only.

Website: www.copetest.com Email: info@copetest.com Tel: 416-962-2673

Mail: COPE Testing Ltd., Box 957, 7B Pleasant Blvd., Toronto, ON, M4T 1K2.

## \* Discretionary Ranges for TOEFL, MELAB and ELDA/COPE

If an applicant scores in the discretionary ranges indicated above, and is otherwise well qualified for admission, we will automatically consider other academic evidence of English proficiency (for example, results in English courses) and we will advise the applicant whether or not our English language requirements have been satisfied. It is not necessary to request this special consideration. Letters of reference will NOT be used for this purpose.

# 4. International English Language Testing System (IELTS) Academic Module

The minimum requirement is an overall band of 6.5, with no band below 6.0. Results are received electronically from IELTS. We do not accept paper results.

Website: www.ielts.org Email: ielts@cambridgeesol.org Tel: +44 (0) 1223 553355 Fax: +44 (0) 1223 460278

Mail: IELTS Office, University of Cambridge ESOL Examinations, 1 Hills Road, Cambridge CB1 2EU. UK.

### 5. Academic English Course

Completed at English Language Program, School of Continuing Studies, University of Toronto. The minimum requirement is a grade of 'B' at the 60/Advanced level.

Website: learn.english.utoronto.ca Email: learn.english@utoronto.ca Tel: 416-978-5104; Fax: 416-971-2839

### 6. International Foundation Program (IFP)

Completed at the University of Toronto, Faculty of Arts and Science, St. George campus or the Faculty of Applied Science and Engineering. The minimum requirement is the successful completion of the International Foundation Program.

Website: www.ifp.utoronto.ca Email: foundation.program@utoronto.ca Tel: 416-946-5146; Fax: 416-946-8050

### OTHER ACCEPTABLE TESTS/ QUALIFICATIONS

**7.** Canadian Test of English for Scholars and Trainees (CanTEST).

The minimum requirement is an average score of 4.5, and no part below 4.

**8.** Canadian Academic English Language (CAEL) Assessment.

The minimum requirement is an overall score of 70 and no part below 60.

9. One full year of degree study at a recognized English-medium university located in a country where English is the dominant language. The minimum requirement is four full transferable degree courses completed with grades of 'C' (or in progress). If courses are in progress, you must provide written details of courses (including description and credit value).

- **10.** 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 minimum grade of 4.
- **11.** GCSE/IGCSE/GCE O' Level English/ English Language/English as a Second Language with minimum grade of 'B'.
- **12.** GCE A/AS/AICE Level English or English Language with minimum grade of 'C' (or in progress).
- **13.** Certificate of Proficiency in English (CPE) by Cambridge English for Speakers of Other Languages (ESOL). The minimum requirement is a grade of 'C'.
- **14.** Certificate of Advanced English (CAE) by Cambridge English for Speakers of Other Languages (ESOL). The minimum requirement is a grade of 'B'.

### **DEADLINE DATES**

If you are required to present proof of English facility, it is your responsibility to arrange to take one of the acceptable tests/qualifications in time for the official results to be received by Admissions and Awards before the document deadline for the program to which you have applied. Please refer to www.adm.utoronto.ca for the appropriate document deadline.

### **ENGLISH COURSE REQUIREMENTS**

Normally, a senior level English course (equivalent to Ontario ENG4U/EAE4U) is required for admission to all undergraduate programs. If you are a student in a Canadian high school and are required to present an acceptable English language test result you are exempted from this requirement and may present another academic Grade 12 course in place of English. It would still be necessary for you to present the total number of credits as required for your province. We do, however, strongly encourage you to include English in your preparation for university. If you complete Grade 12 English as an extra credit and you are required to present an acceptable English language test result, we would include your English mark in the admission average only if this improves your average.

### THE UNIVERSITY OF TORONTO

### PROGRAMS OF STUDY

# **Arts, Science and Business Programs**

X

### U OF T MISSISSAUGA

CHEMICAL AND PHYSICAL SCIENCES (BSc)

Astronomical Sciences

Biological Chemistry

iomedical Physics

Environmental Science Seocomputational Science

Geographic Information Systems

Commerce & Finance (BCom)

**Human Resources Management** 

Digital Enterprise Management Interactive Digital Media

COMMUNICATION AND CULTURE (BA)

Communication, Culture & Information

**Professional Writing & Communication** 

Concurrent Education, French (BA, BEd) Fr Concurrent Education, Chemistry

Concurrent Education, Math (BSc, BEd) M Concurrent Education, Primary-Junior (Focus on Exceptional Learners)

COMPUTER SCIENCE, MATHEMATICS & STATISTICS (BSc)

Earth Science

Geography

COMMERCE

Accounting (BCom)

Economics (BCom)

Finance (BCom)

Marketing (BCom)

Applied Statistics Bioinformatics Computer Science nformation Security Mathematical Sciences CONCURRENT EDUCATION

(BSc. BEd)

Forensic Biology

Forensic Psychology HUMANITIES (BA) Canadian Studies Classical Civilization

English & History

European Studies Francophone Studies

French Studies French & Italian

Functional French

Linguistics

History & Political Science History & Religion

Italian Teaching & Learning

Biology for Health Sciences

Comparative Physiology Ecology & Evolution

Biotechnology

Molecular Biology

Management (BA)

Management (BBA)

PSYCHOLOGY (BSc)

SOCIAL SCIENCES

Anthropology (BA)

Economics (BA)

Geography (BA)

Sociology (BA)

rt History

Cinema Studies

MANAGEMENT

Biomedical Communications (Science)

Behaviour, Genetics & Neurobiology

Criminology + Socio-Legal Studies (BA)

Economics & Political Science (BA)

Environmental Management (BA)

History & Political Science (BA)

Financial Economics (BSc)

Industrial Relations (BA)

THEATRE & DRAMA (BA)

(Diploma + Degree)

VISUAL STUDIES (BA)

Theatre and Drama Studies

Visual Culture & Communication

Art and Art History (Diploma + Degree)

nternational Affairs (BA) Political Science (BA)

xceptionality in Human Learning

Performance & Theatre Philosophy of Science Women & Gender Studies LIFE SCIENCES (BSc)

Diaspora & Transnational Studies

French Language & Literature

French Language & French Linguistics (rec. Fr) French Language Teaching & Learning (rec. Fr)

French & Italian Teaching & Learning (rec. Fr, Ita)

FORENSIC SCIENCE (BSc) Forensic Science Forensic Anthropol

All program areas require English. Mathematics (including Calculus) is required for programs with Mathematics prerequisites. Admission will be based on the academic record, with close attention paid to the prerequisite subjects, plus requested supplementary or profile information (if required).

Details about admission requirements pertaining to your educational jurisdiction are available at www.adm.utoronto.ca

M, Ph; (rec. Ch)

M, Ch, Ph

M, Ch/Ph

(rec. M)

M, Ch, Ph

M, Bio, Ch

M, Bio, Ch, Ph M, Bio, Ch, Ph

(rec. Fr/Ger/Ita)

(rec. Fr)

(rec. Ita)

M, Bio, Ch/Ph

M, Ch, Ph; (rec. Bio)

(rec. M, one Science) x x x

# U OF T SCARBOROUGH

All program areas require English. Mathematics (including Calculus) is required for programs with Mathematics prerequisites. Admission will be based on the academic record, with close attention paid to the prerequisite subjects, plus requested supplementary or profile information (if required).

Details about admission requirements pertaining to your educational jurisdiction are available at www.adm.utoronto.ca

### U OF T ST. GEORGE FACULTY OF ARTS & SCIENCE

 $\hbox{All program areas require English. Mathematics (including Calculus) is required for programs}$ with Mathematics prerequisites. Admission will be based on the academic record, with close attention paid to the prerequisite subjects, plus requested supplementary or profile information (if required).

Details about admission requirements pertaining to your educational jurisdiction are available at www.adm.utoronto.ca

# **LEGEND**

Bio = Biology E = English Fr = French Geo = Geography Ger = German Ita = Italian

L = Language other than English

ıman Biology: Health and Disease

Life, Environment and General Physics

Pharmacology and Biomedical Toxicology M, Bio, Ch; (rec. Ph)

Molecular Genetics and Microbiology

Human Biology: Health Care Ethics

Human Biology: Neuroscience

**Nutritional Sciences** 

Actuarial Science

Chemical Physics

Financial Economics

Applied Mathematics

Astronomy and Physics

Astronomy and Astrophysics

Economics and Mathematics

Pharmaceutical Chemistry

Psychology (Research Specialist)

PHYSICAL AND MATHEMATICAL SCIENCES (BSc)

, = and rec. = recommended S = Specialist program Ma = Major program Mi = Minor program Co = Paid Co-op program

M, Bio, Ch; (rec. Ph)

M, Bio, Ch, Ph

M; (rec. Bio)

M; (rec. Ph)

M, Ch; (rec. Ph)

M, Ch; (rec. Ph)

M, Ch; (rec. Ph, Bio) M, Ch, Ph

M; (rec. Ph)

M, Bio, Ch

M, Bio, Ch; (rec. Ph) x x

Program	Subject(s) Required in	Pro.	
COMPUTER SCIENCE (BSc)	Addition to English	3	
Computer Science	M	Х	
HUMANITIES (BA) Aboriginal Studies (J)		Х	
African Studies (J)		х	T
American Studies (J)			
Art History		Х	
Asian Literatures and Cultures (offered jointly with the National University of			
Singapore)			
Asia-Pacific Studies, Dr. David Chu			T
Program in (J)	( D: )		L
Bioethics Book and Media Studies	(rec. Bio)	Х	H
Buddhism, Psychology and Mental Health			
Buddhist Studies		х	
Business German			
Canadian Studies (J)		X	H
Caribbean Studies (J) Celtic Studies		X	
Christianity and Culture		X	
Christianity and Culture: Religious			T
Education *			
Christianity and Education			
Cinema Studies Classical Civilization		Х	H
Classics (Greek and Latin)			
Cognitive Science	(rec. M)		
Croatian and Serbian Studies			
Czech and Slovak Studies Diaspora and Transnational Studies			
<u> </u>	Personal Interview and		H
Drama	Audition required	Х	
East Asian Studies (J)		х	
Education and Society *			
English Environmental Ethics (J)		Х	H
Equity Studies (J)			
Estonian Studies			
Ethics, Society and Law (J)			
European Studies (J)			L
European Union Studies (J) Finnish Studies			H
French as a Second Language			
French Language and French Linguistics		х	T
French Language and Literature		Х	
French Language Learning			
French Studies German Studies		Х	H
Greek		^	
Health Studies (J)		Х	T
History		Х	
History and Philosophy of Science and		х	
Technology Hungarian Studies			H
International Relations (J)	(rec. M)	х	
Islamic Studies			T
Italian		Х	
Italian Culture and Communication			
Studies Italian Second Language Learning			
Jewish Studies		Х	H
Joint Specialist: International Relations /	(rec. M)	х	T
Peace and Conflict Studies (J)	(IEC. IVI)	^	
Latin Latin American Studies			
Linguistics		х	
Literary Studies			
Literary Studies (Comparative Literature		х	
Stream)			F
Literary Studies (Cultural Theory Stream)  Mediaeval Studies		X	
Music	Audition required	X	
Music History and Culture	1		
Music with Ensemble Option	Audition required	Х	
Near and Middle Eastern Civilizations		Х	
Paradigms and Archetypes Philosophy		Y	
Paradigms and Archetypes Philosophy Philosophy of Science		X X	

Polish Language and Literature

Russian Language and Literature

Russian Literature in Translation

Ukrainian Language and Literature

Yiddish, Al and Malke Green Program

Bioinformatics and Computational Biology M, Bio, Ch

Environmental Biology (offered jointly with M, Bio

M, Bio, Ch; (rec. Ph)

M, Bio, Ch; (Ch not

M, Bio, Ch; (rec. Ph)

req'd for Major)

M, Bio, Ch

M, Bio, Ch

for Major)

M, Ch; (rec. Ph)

M, Bio, Ch; (rec. Ph)

M, Bio (Bio not req'd

M, Bio, Ch; (rec. Ph)

M, Bio, Ch; (Ch not

M, Bio, Ch; (rec. Ph)

M, Bio, Ch; (rec. Ph)

M, Bio; (rec. Ch)

M, Bio; (rec. Ch)

M, Bio, Ch; (rec. Ph)

M, Bio, Ch; (rec. Ph)

M, Bio; (rec. Ch, Geo, x x

M. Bio. Ch

reg'd for Major)

M, Bio, Ch, Ph; (Ph not

x x x

M, Bio, Ch, Ph

Women and Gender Studies (J)

Sexual Diversity Studies (J)

South Asian Studies (J)

Visual Studies

Writing and Rhetoric

LIFE SCIENCES (BSc)

Anthropology, Biological

Archaeological Science

Animal Physiology

Biological Physics

Biomedical Toxicology

Cell and Molecular Biology

Developmental Biology

Environment and Energy

Environment and Health

**Environment and Science** 

Environmental Biology

**Environmental Chemistry** 

Environmental Geosciences Forest Biomaterials Science

Forest Conservation Science

Human Biology: Global Health

Genome Biology

**Human Biology** 

Biotechnology

Environment and Toxicology

the National University of Singapore)

Human Biology: Genes, Genetics and

Ecology and Evolutionary Biology

Invironment and Behaviour

Biology

Semiotics and Communication Theory

Religion: Christian Origins

Renaissance Studies

Russian Language

Polish Studies

Portuguese

Geoscience	M, Ch, Ph; (rec. Bio)		Х	T
Materials Science	M, Bio, Ch, Ph	Х		T
Mathematical Applications in Economics and Finance	М	х		
Mathematics	M	х	Х	T
Mathematics & Its Applications (Design Your Own)	М	х		
Mathematics & Its Applications (Physical Science)	M, Ph	х		
Mathematics & Its Applications (Probability/Statistics)	М	х		
Mathematics & Its Applications (Teaching)	M	х		H
Mathematics and Philosophy	M	X		H
Mathematics and Physics	M, Ph	X		H
Molecular Biophysics	M, Ch, Ph	X		H
Nanoscience (offered jointly with the National University of Singapore)	M, Ch, Ph	^		
Physics	M, Ph	х	х	H
Physics and Philosophy	M, Ph	X		H
Planetary Science	M, Ch, Ph	X		H
Statistics	M	X	х	H
Statistics Statistics and Mathematics	M	X	^	
Synthetic and Catalytic Chemistry	M, Ch; (rec. Ph)	X		H
ROTMAN COMMERCE (BCom)	IVI, CII, (IEC. FII)	X		
Accounting	М	X		
Finance and Economics	M	X		H
Management	M	X		H
SOCIAL SCIENCES (BA)	IVI	^		
Aboriginal Studies (J)		х	х	
African Studies (J)		X	X	H
American Studies (J)			X	H
Anthropology (General)			X	H
Anthropology (Society, Culture and Language)		x	x	l
Archaeology		х		H
Asian Geographies (offered jointly with the		^		H
National University of Singapore) Asia-Pacific Studies, Dr. David Chu				
Program in (J)			Х	
Canadian Studies (J)		X	Х	L
Caribbean Studies (J)		X	Х	L
Criminology		X	Х	L
East Asian Studies (J)		X	X	
Economics	M	X	X	
Employment Relations	(rec. M)	X	Х	
Environmental Anthropology	NA.			H
Environmental Economics	M		,,,	H
Environmental Ethics (J)			X	H
Environmental Geography		X	X	H
Environmental Studies			X	H
Equity Studies (J)			X	H
Ethics, Society and Law (J)			X	H
European Studies (J)			Х	H
European Union Studies (J)	Die			H
Forest Conservation	Bio	X	Х	H
Geographic Information Systems				H
Health Studies (J)		X	X	H
Human Geography	(von M)	X	X	
International Relations (J) International Relations / Peace and	(rec. M)	X	Х	
Conflict Studies (J)	, ,			H

J = Jointly listed under both Humanities and Social Sciences
* = For students enrolled in Consurrent Teacher Education Programs

### THE JOHN H. DANIELS FACULTY OF ARCHITECTURE, LANDSCAPE, AND DESIGN

Peace and Conflict Studies

Prehistoric Archaeology

South Asian Studies (J)

Sexual Diversity Studies (J)

Women and Gender Studies (J)

Political Science

Urban Studies

Admission will be based on the academic record, with close attention paid to the prerequisite subjects. Details about admission requirements pertaining to your educational jurisdiction are

Program	Subjects Required	Program Type				
		S	Ma	Mi		
ARCHITECTURAL STUDIES (BA)						
Architectural Design	E		Х			
History, Theory and Criticism	E		Х			

# COMPUTER SCIENCE (BSc) Computer Science

Co Fr	Software Engineering Stream	IVI	_ ^			_ ^
	CONCURRENT TEACHER EDUCATION					
	Concurrent Teacher Education – French (BA, BEd)	Fr or equivalent	x			
	Concurrent Teacher Education – Science: Chemistry, Mathematics or Physics (BSc, BEd)	M (A specialist or major program in one of Chemistry, Math or Physics must be completed. See the additional subjects required for Chemistry or Physics.)	x	x		
	HUMANITIES (BA)					
	African Studies				Х	

Art & Culture					
Studio (Fine Art) Stream		Х			Х
Art History			х	Х	Х
Arts Management		х			Х
Classical Studies				Х	
English		X	Х		
English Literature				Х	
French	Frorequiv	X	Х	Х	Х
French for Francophones	Fr or equiv			Х	
Global Asia Studies		Х	Х	Х	
History		X	Х	Х	Х
Intersections, Exchanges, Encounters in the Humanities §			х		
Journalism *		х			
Linguistics		X	Х	Х	Х
Literature and Film Studies				Х	
Media Studies				Х	
Music & Culture			Х	Х	Х
New Media Studies ** §			Х		
Philosophy		X	Х	Х	
Psycholinguistics		X			Х
Religion				Х	
Studio (Fine Art)			Х	Х	Х
Theatre & Performance Studies			Х	Х	Х
Women's & Gender Studies			Х	Х	Х

Theatre & Performance Studies			Х	Х	Х
Women's & Gender Studies			Х	Х	х
LIFE SCIENCES - BIOLOGICAL SC	IENCES (BSc)				
Applied Microbiology * §	M, Bio, Ch	X			
Biodiversity, Ecology & Evolution	M, Bio, Ch	х	Х		
Biology	M, Bio, Ch		Х	Х	
Cell & Molecular Biology	M, Bio, Ch	X			Х
Human Biology	M, Bio, Ch	X	Х		
Integrative Biology	M, Bio, Ch	X			
Paramedicine *	M, Bio, Ch	х			
LIFE SCIENCES - NEUROSCIENCE	(BSc)				
Neuroscience	M, Bio, Ch	X	Х		х
LIFE SCIENCES - PSYCHOLOGY (I	BSc)				
Mental Health Studies		X	Х		Х
Psychology		Х	х	х	Х

LIFE SCIENCES - PSYCHOLOGY (BSc)					
Mental Health Studies		X	Х		Х
Psychology		X	Х	Х	Х
MANAGEMENT (BBA)					
Management	M	X			х
Management & Accounting	M	Х			Х
Management & Finance	M	Х			Х
Management & Human Resources	M	Х			Х
Management & Information Technology	M	х			х
Management & International Business (co-op only) ***	M	х			х
Management & Marketing	M	Х			Х
Strategic Management	M	х			Х
Economics for Management Studies	M	х			х
Economics for Management Studies (BA)	M		х	x	
Sciences (BSc)					

	M		Х		Sciences (BSc)					
			Х	X	Astronomy & Astrophysics	M, Ph			Х	
		X	Х	X	Biochemistry	M, Bio, Ch; (rec. Ph)		Х		Х
				X	Biological Chemistry	M, Bio, Ch; (rec. Ph)	Х			Х
			X	X	Chemistry	M, Ch; (rec. Ph)	Х	Х		Х
					Environmental Science					
	(rec. Bio)	X	Х		Environmental Biology	M, Bio, Ch; (rec. Ph)	Х			Х
	M, Bio, Ch	X	X	X	Environmental Chemistry	M, Bio, Ch; (rec. Ph)	х			Х
	M, Bio, Ch		Х		Environmental Geoscience	M, Bio, Ch; (rec. Ph)	х			Х
)	M, Bio; (rec. Ch)			X	Environmental Physics	M, Ch, Ph; (rec. Bio)	х			Х
	M, Bio, Ch; (rec. Ph)	Х			Environmental Science &					
	M, Bio, Ch	Х			Technology * §	M, Bio, Ch; (rec. Ph)	X			
	M, Bio, Ch	х			Environmental Science	M, Bio, Ch; (rec. Ph)		Х	X	Х
	M, Bio, Ch	х			Mathematics	M	х	Х		Х
					Mathematics & Its Applications					
	M		x		Computional Physical Sciences	14.5				
	M	v			Chun auna	M, Ph	X			X

				Design Your Own Stream	M	X		
M, Bio, Ch	Х			Statistics Stream	M	X		
M, Bio	X	х		Physical & Mathematical Scie	nces M, Ch, Ph	X		
M; (rec. Bio)	х	Х	X	Physical Sciences	M, Ch, Ph		Х	
				Physics and Astrophysics	M, Ph	X	Х	
	Х	х	X	Quantitative Analysis				
(rec. M)	х	Х		Biological & Life Sciences	М			
M	X	х	X	Stream	IVI	X		
M	Х			Mathematical Finance,				
M, Bio	Х	х	х	Management & Economics	s M	X		
M	Y			Stream				

Physical Sciences Stream

Social & Health Sciences

x x x

x x x

Audition Required x

Stream					
Statistics	M		Х	Х	х
SOCIAL SCIENCES (BA)					
Anthropology (BA/BSc)		X	Х	Х	
City Studies			Х		Х
Diaspora & Transnational Studies			Х	Х	
Geography					
Human Geography			Х	Х	
Physical & Human Geography			Х		
Health Studies (BA/BSc)			Х	Х	Х

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.
* = U of T degree plus Centennial College diploma earned.
** = U of T degree plus Centennial College certificate earned.
*** = Pending final approval.
§ = Not direct entry from high school. A minimum of one year post-secondary studies required.

### **PROGRAMS OF STUDY**

# **Programs Offered by Professional Faculties**

### **DIRECT ENTRY PROFESSIONAL FACULTY PROGRAMS**

Details about aurilission requirements perte	airiing to your educationarju	risdiction are available at www.adm.utoronio.ca.
PROGRAM	ADMISSION PREREQUISITES IN	

### Engineering (BASc); www.discover.engineering.utoronto.ca

Chemical Engineering		Optional specializations after Year 2: Environmental Engineering, Sustainable Energy, Bioengineering	
Civil Engineering		Optional specializations after Year 2: Urban Engineering, Intelligent Infrastructure & Sustainability, Environmental Engineering	
Computer Engineering		Optional specializations after Year 2: Photonics, Electromagnetics, Control Systems, Signal Processing,	
Electrical Engineering		Bioengineering, Computer Software, Digital Electronics, Semiconductor Physics, Energy Systems, Communications Systems, Computer Networks, Computer Hardware, Analog Electronics	
Engineering Science (BASc in Eng Sci)	- M, Ch, Ph	Optional specializations in Years 3 and 4: Aerospace, Biomedical, Electrical and Computer, Energy Systems, Infrastructure, Nanoengineering, Physics, Engineering Mathematics, Statistics & Finance	All applicants are required to submit an online Student
Industrial Engineering	IVI, GII, FII	Optional specializations after Year 2: Human Factors, Operations Research, Information Engineering	Profile Form, for which a fee will be
Materials Engineering		Materials Engineering Optional specializations after Year 2: Nanomaterials and Nanotechnology, Materials Processing & Sustainable Development, Biomaterials and Bioengineering, Materials for Manufacturing	charged.
Mechanical Engineering		Mechanical Engineering Optional specializations after Year 2: Mechatronics, Manufacturing, Solid Mechanics & Design, Energy & Environment, Bioengineering	
Mineral Engineering		Mineral Engineering Optional specializations after Year 2: Mining, Geomechanics, Geological Engineering, Urban Infrastructure, Geotechnical, Applied Geology	
TrackOne (first year only)			

Music (MusBac); www.music	c.utoronto.ca
Artist Diploma (ArtDipMus)	
Composition	Jazz Performance applicants are required to submit an audition DVD for pre-screening by January 16, 2012. Successful applicants will be invited to audition in person. See <a href="https://www.music.utoronto.ca">www.music.utoronto.ca</a> under the prospective student section for further details.
Comprehensive	All applicants are required to submit a Music Questionnaire by January 23, 2012. The Music Questionnaire will be available online at www. music.utoronto.ca beginning December 1st. Applicants are encouraged to complete their application online and submit the hard copy to the
Concurrent Education - Music Education (CTEP) (MusBac, BEd)	Faculty of Music as early as possible to increase their chance of securing their preferred audition date. Applicants will be assigned an audition time once the Music Questionnaire has been received. Applicants to the Concurrent Teacher Education Program must also complete a CTEP Applicant Profile.
History & Theory	A maximum of two Grade 12 Music credits may be counted in the admission average.  All applicants must provide proof of completion of RCM Grade 2 Rudiments and Grade 3 Harmony, or their equivalent, by June 15, 2012.
Music Education	All applicants within a 400 km radius of Toronto must audition in person. Others are able to send in a recording, although a live audition is highly recommended. Auditions are scheduled in February and March.
Performance	

### Physical Education & Health (BPHE; BKIN; BPHE/BEd); www.physical.utoronto.co

oncurrent Education - Physical ducation & Health (CTEP) (BPH BEd) nesiology (BKin)	Bio, M, Exercise Science (if offered); (rec. Ch, Ph)	The undergraduate program is accredited in Kinesiology and Physical Education Teacher Preparation. If Exercise Science is not available a substitute Grade 12 U or M course is acceptable. Students planning to take higher year biology courses should take Grade 12 Chemistry. All applicants must complete an online Statement of Interest Form available in January at www.physical.utoronto.ca
oveical Education & Health (RPHE)		Applicants to the CTEP Program must complete a CTEP Applicant Profile in addition to the Statement of Interest - www.ctep.utoronto.ca

### SECONDARY SCHOOL QUALIFICATIONS

# Requirements for Common International Educational Systems

Detailed information about all educational systems is available at www.adm.utoronto.ca  Transfer credit information is available at www.adm.utoronto.ca/TransferCredits	MATHEMATICS PREREQUISITE Other prerequisites may be required. Refer to the appropriate program chart.	MINIMUM ADMISSION REQUIREMENTS Possession of the minimum requirements does not guarantee admission.
British-Patterned Education		
Arts, Science, Commerce/Management, Concurrent Teacher Education, Music and Physical Education & Health/Kinesiology  At least five different Ordinary Level subjects including four different subjects at Advanced Subsidiary Level OR three different subjects at the Advanced Level (excluding General Paper). All examinations must be conducted by an examination authority located in the UK or an equivalent authority elsewhere (e.g. CXC, WAEC, etc.). English O Level/AS Level/A Level is required for all programs. Applicants are advised to include at least two traditional academic subjects when choosing their Advanced Levels. These include all languages, Accounting, Biology, Chemistry, Classics, Computer Science, Economics, English, Geography, Geology, Government and Politics, History, Mathematics, Philosophy, Physics, Religious Studies and Statistics.	Math AS Level/A Level	Excellent GCSE/IGCSE/O Level and AS Level (predicted or final)/A Level (predicted or final) grades
Engineering  Three Advanced Level subjects including Mathematics, Physics and Chemistry (AS/A Level – A Level strongly recommended). English O Level/AS Level/A Level is required for all programs. Refer to www.engineering.utoronto.ca for complete information.	Math A Level	Excellent (normally A) GCSE/IGCSE/O Level and A Level (predicted or final) grades
Cambridge Pre-University		
The Cambridge International Pre-U Diploma or Certificate, including 3 Principal Subjects (or a combination of Advanced Level Subjects and Principal Subjects covering different subjects). English O evel/A Level/Principal Subject is required for all programs. Refer to www.engineering.utoronto.ca for complete information about admission requirements for Engineering.	Math A Level/Principal Subjects	Excellent GCSE/IGCSE/O Level and Principal Subjects (predicted or final) grades
Caribbean Advanced Proficiency Examination (CAPE)		
The complete diploma (six units). English CXC/GCSE/O Level/CAPE is required for all programs. Refer to www.engineering.utoronto.ca for complete information about admission requirements for ingineering.	Mathematics/Pure Mathematics (CAPE Unit I or II)	Excellent CXC/GCSE/O Levels and predicted or final CAPE Unit I and II grades

Mathématiques/Mathematics Appliquées

Econ. Et Soc

AP Calculus

### The Baccalauréat/Baccalauréat Général/Diplôme de Bachelier de l'Enseignement du Second Degré/Option Internationale du Baccalauréat. Anglais is required for all programs. Baccalauréat Technologique from France will also be considered if required subjects are included. Refer to

International Baccalaureate (IB) The diploma including English HL or SL. Refer to www.engineering.utoronto.ca for complete Mathematics HL or SL (Math Studies is not Predicted/final score of 28 or higher

**Education & Health/Kinesiology** U.S. Grade 12 in an accredited high school with a high grade point average and high scores on SAT Reasoning/ACT exams and a minimum of two appropriate SAT Subject Tests/APs/IBs (or a combination of SAT Subject Tests/APs/IBs covering different subjects). English Grade 12/AP is required for all programs. Those seeking admission to science or commerce programs are strongly advised to complete AP Calculus.

Arts, Science, Commerce/Management, Concurrent Teacher Education, Music, Physical

www.engineering.utoronto.ca for complete information about admission requirements for Engineering.

x x x

Applicants must present AP/IB Calculus, as well as AP/IB or SAT Subject Tests in both Chemistry and Physics. English Grade 12 /AP is required for all programs. Applicants seeking admission to Engineering after one year of university in the U.S. are required to present a GPA of at least 3.5 with two semesters of Math, Physics and Chemistry. Refer to www.engineering.utoronto.ca for complete

### Excellent CGPA and Grade 12 GPA; scores of at least 1800 on SAT Reasoning and 26 on the ACT; no score below 500 on SAT Subject Tests. SAT scores below 500 in any part of the SAT Reasoning or Subject Tests are not acceptable.

Average of 12 or higher in second

trimester and no grades below 10

Excellent CGPA, Grade 12 GPA, SAT Reasoning/ ACT and SAT Subject Tests