at a glance
Since the first classics, chemistry, philosophy and physics classes were taught at King’s College – U of T’s precursor – in 1843, the Faculty of Arts & Science has evolved into one of the most comprehensive and diverse academic divisions in North America and established itself as the heart of one of the world’s leading universities.

Home to the majority of undergraduates on the St. George campus, Arts & Science offers an unparalleled breadth of programs leading to bachelor’s degrees in arts, science and commerce.

Our students – both graduate and undergraduate – are at the core of our research enterprise, working on campus, in the community and abroad. Our location at the centre of Toronto, one of the world’s most diverse cities, opens up a broad range of experiential opportunities, from service learning to internships.

Our faculty members, past and present, include many of the world’s leading scholars and scientists. Their discoveries and innovations have advanced our understanding of the world and continue to address many of society’s most pressing challenges.

The University of Toronto is consistently ranked first in Canada and among the top 20 universities worldwide.

U of T: Canada’s Best University

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<th>Ranking</th>
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<td>Times Higher Education</td>
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<td>World University Rankings</td>
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<td>QS World University Rankings</td>
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<td>Shanghai Jiao Tong University’s Academic Ranking of World Universities</td>
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Arts & Science disciplines rank among the top 20 in the world.

11th - geography and area studies
13th - English language and literature
16th - computer science, mathematics and philosophy
17th - biological science
18th - history, psychology and sociology
19th - statistics

(Source: QS World University Rankings by subject - 2015)
Every Arts & Science student enjoys all the benefits and resources of a large, urban research university together with the sense of belonging that comes with membership in a smaller community at one of our colleges. Each college is like a unique neighbourhood, offering its students academic and financial counselling services, accommodation, orientation, scholarships, bursaries and social gatherings.
In addition to being among the best-ranked universities in the world, U of T is arguably Canada’s most financially accessible university.

We believe the best and brightest students deserve access to outstanding educational opportunities regardless of their financial means. That’s why we made a commitment, starting in 1998, that no Canadian citizen or permanent resident admitted to U of T would be unable to attend for financial reasons.

That’s a significant commitment when over 40 per cent of undergraduate students at U of T report a combined family income of less than $50,000 a year. In order to deliver on this commitment, we spend more than $150 million every year on student aid over and above support from government.

More than half of U of T’s students self-identify as a visible minority.

One in five is the first in their family to attend university.

Housing is guaranteed to new full-time students entering their first year of an undergraduate program.
Arts & Science is on the University of Toronto’s St. George campus – an oasis of green in the midst of Toronto’s dynamic urban core – steps from Ontario’s provincial legislature and Canada’s financial, business and cultural centres.
Many of us remember our postsecondary education as consisting primarily of a “sage on the stage” lecturing to passive groups of students.

But today’s students are engaged and active. More and more, they are learning by doing.

They are conducting research with faculty in the lab, in the field and in other countries.

They are putting what they are learning into practice in placements with service organizations, governments and industry in Toronto and beyond.

The rise of digital technologies has been a positive influence, challenging us to ensure that we make the best possible use of the time when students and faculty are together “in person.” As a result, more and more classrooms are being “flipped” – material once presented in class by a lecturer is now accessed online – freeing up time for more active learning and interaction in class.

Arts & Science has renewed our curriculum to ensure that our undergraduate programs deliver relevant core competencies and highly transferrable skills like communications, quantitative reasoning, critical thinking and ethical and moral reasoning.

We have increased the number and range of small-group, experiential and international opportunities for students at all stages of their studies.

We support our students as they move into, through and beyond their undergraduate degree with learning opportunities and resources. Activities like career exploration, mentorship (often from our own alumni!), goal-setting and reflection empower our students to integrate their academic learning into their personal and professional goals and growth.

Our goal? Preparing students for success and fulfillment in the global economy and as informed citizens in whatever roles they may take on over their lifetime.
Arts & Science is located in one of the world’s most open, cosmopolitan and diverse cities and fostering a strong mutually beneficial relationship with Toronto is a top priority.

Our campus hosts public discussions of social issues and invites the community to hear from our own world-leading faculty as well as distinguished scholars visiting us from abroad.

Our faculty share their expertise and advice with government agencies, citizens’ groups and community-based organizations on major urban challenges such as crime and policing, housing and transportation. At the same time, our students engage in learning-by-doing, working with community partners in neighbourhoods throughout the city.

“By improving collaboration amongst urbanists across the university, creating and expanding learning opportunities for students and acting as a convener for critical debates and discussions on key urban issues, we can strengthen existing relationships and create new opportunities for urban engagement.”

– SHAUNA BRAIL
urban studies lecturer in Arts & Science and
U of T President’s advisor on urban engagement

Our faculty members are involved in global research networks and in a wide range of partnerships with institutions around the world. They are engaged in finding solutions to the world’s most pressing problems.

Arts & Science programs enhance the global fluency of our students, enabling them to cross cultural and political boundaries and to work in many different places. We offer a number and range of opportunities for our students to study or conduct research abroad – from short intense course modules in which they directly experience the natural habitats and cultural phenomena they are studying in class, to extended student exchanges or summer abroad opportunities.

Arts & Science students take part in exchanges at more than 150 universities in more than 40 countries.

50 per cent of our professors are immigrants or non-permanent residents.

25 per cent of the student population are international students.
Arts & Science takes pride in a legacy of world-leading scholars who have changed the way we think – literary critic Northrop Frye, Marshall “the medium is the message” McLuhan and communications theorist Harold Innis. Today’s new pathfinders include computer scientist and deep learning pioneer Geoffrey Hinton, nanomaterials creator Geoffrey Ozin and physicist Sajeev John, whose discoveries have revolutionized the field of photonics.

The Faculty of Arts & Science is best understood as a university within a university, home to a diversity of researchers who are working with colleagues around the world to meet social, economic and environmental challenges.

Our research creates new products that improve lives, such as MyVoice, a communications aid developed by computer scientists to help people with speech and language challenges.

Our biologists, chemists, geographers and physicists are addressing issues like climate change, urban life, prevention and remediation of environmental degradation, the inequity of natural resources and the growing gap between rich and poor.

Our humanists and social scientists foster cross-cultural understanding, help nations put stable governments in place, stand up for freedom of expression and human dignity and work to preserve languages.

Simply put: Arts & Science researchers are working to respond to society’s most pressing concerns and improve the quality of life for today and tomorrow.
Since 2010, no single university in North America has helped create more start-up companies than U of T and its partner hospitals. Arts & Science plays a key role in realizing the social and economic benefits of knowledge by teaching entrepreneurship and hosting two innovation accelerators to help faculty and students get their research from the lab to the world.

Inventions & discoveries
First electronic heart pacemaker
Comprehensive dictionary of Old English between 600 and 1150 AD
Biodegradable plastics
A gene that controls drought resistance in plants
First in North America to liquefy helium
A silicon-based material that can trap light
First electron microscope in North America
First space-based measurements of atmospheric pollution

A class-project-turned-startup that uses IBM’s artificially intelligent Watson computer to do legal research is being backed by Dentons, the world’s largest law firm. The student team’s app, known as ROSS, scours millions of pages of case law and other documents in seconds to answer legal questions, saving hours of tedious research. ROSS was launched to compete in a contest in which IBM offered its Watson platform to teams at 10 universities for the development of commercial applications. The University of Toronto was the only team outside of the United States invited to take part.
The Faculty of Arts & Science has almost 250,000 alumni living in 170 countries. Every day, and in every sector — government, industry, business, scientific research, arts and culture, education, health, human rights, social innovation and more — our alumni are stepping up to make significant contributions to their communities and the world. Our alumni are a great source of inspiration for our students, providing mentorship as the new generation gets ready to transition to life after graduation. Our alumni are also among the biggest supporters in our fundraising efforts to prepare global citizens and meet global challenges.

**Canadian Prime Ministers** | William Lyon Mackenzie King, Paul Martin, Arthur Meighen, Lester B. Pearson

**Canadian Governor General** | Adrienne Clarkson

**Ontario Premier** | Bob Rae

**Actor** | Donald Sutherland

**Media personalities** | Mark Rowswell aka Dashan, Canada’s Goodwill Ambassador to China, Robert Herjavec

**Filmmakers** | David Cronenberg, Atom Egoyan, Arthur Hiller, Norman Jewison, Shelley Saywell

**TV producers** | Lorne Michaels, Linda Schuyler

**Writers** | Margaret Atwood, Camilla Gibb, Malcolm Gladwell, Sheila Heti, Naomi Klein, Stephen Leacock, John McCrae, Rohinton Mistry, Farley Mowat, Michael Ondaatje

**Canada’s Poets Laureate** | Pier Giorgio Di Cicco, Dennis Lee

**Supreme Court Justices** | Rosalie Abella, John Douglas Armour, Henry Hague Davis, Lyman Poore Duff, Wishart Flett Spence, Andromache Karakatsanis, Albert Clements Killam, John Henderson Lamont, Bora Laskin, John Sopinka, Michael Moldaver

**Inventors** | Anand Agarawala, E.F. Burton, Wilbur Franks, James Guillet, Cecil Hall, James Hillier, Albert Prebus, Alexander Levy, Bill Reeves

**Human rights champions** | Anne Golden, Daniel G. Hill, Craig Kielburger, Stephen Lewis

**Business leaders** | Ed Clark, Tony Comper, Hal Jackman, Andrew Lo, Peter Munk

**Nobel Laureates**

- **Bertram Brockhouse** | Physics 1994
- **Walter Kohn** | Chemistry 1998
- **Arthur Schawlow** | Physics 1981
- **James Orbinski** | Nobel Peace Prize 1999*

* received while president, on behalf of Doctors Without Borders/Médecins Sans Frontières
Boundless

The University of Toronto’s landmark $2-billion Boundless Campaign was unveiled in November 2011. Arts & Science is a main pillar, with a $250-million campaign to expand the Faculty’s global leadership across critical areas of knowledge, and develop the talent, ideas and solutions for the defining challenges of our time.

The cornerstone of the Arts & Science campaign is a $75-million goal to prepare global citizens: $25 million to expand our innovative undergraduate programs, offering students more research and international learning opportunities; $25 million for undergraduate scholarships; and $25 million to attract and support the world’s best graduate students.

www.boundless.utoronto.ca/artsci

The Faculty also has several signature “big ideas” initiatives designed to impact every level of the human condition and life on this planet. We are seeking to foster cross-cultural dialogue and promote resilient civil societies with investments in Jewish and Islamic studies and the interface of religion and the secular. We are seeking to advance the human condition by developing assistive and bio-technologies, to build institutions vital to good governance by training public policy experts, and to design innovative, sustainable cities. We are seeking to understand the complex forces shaping societies in a new era of globalization, by catalyzing work in global affairs. We are seeking to conserve biodiversity on our planet and expand our understanding of our place in the cosmos and the very origin of the universe.

Marshalling the full spectrum of expertise across the humanities, sciences and social sciences, and in partnership with our benefactors, we are making great progress.
arts & science by the numbers

25,848 UNDERGRADUATE STUDENTS
300+ UNDERGRADUATE PROGRAMS spanning arts, science and business

4,299 GRADUATE STUDENTS
70 GRADUATE PROGRAMS plus 12 collaborative programs run jointly with the faculties of engineering, law and medicine

944 FACULTY
792 ADMINISTRATIVE STAFF

243,109 ALUMNI in more than 170 countries worldwide

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