Faculty of Arts & Science 2016/17 Viewbook

Arts & Science By The Numbers

- 3 areas of study: arts, science and Rotman Commerce
- More than 300 programs and 4,000 courses
- 65% of first-year classes have an enrolment of 50 students or fewer
- 944 faculty
- 4,299 graduate students
- 3,049 teaching assistants, course instructors and postdoctoral fellows
- 287 sessional lecturers
- 22,930 full-time undergraduates
- 792 administrative and technical staff
- 2,918 part-time undergraduates

Your Success Starts Here: Experience the Faculty of Arts & Science at U of T

Enjoy the best of big and small in the Faculty of Arts & Science at the University of Toronto. At U of T, you will find opportunities to match your ambitions:

- The broadest range of academic choices in Canada
- One of the world’s leading library systems
- Professors who are leaders in their fields
- Access to international experiences

What the Faculty of Arts & Science offers extends beyond classroom walls:

- Community – Every new student in Arts & Science becomes part of a college, your new home and family, where you will meet and collaborate with students who are as driven and committed as you are
- Choice – academic, personal, and professional – that only an institution with the University of Toronto’s reach, scope, and heritage can provide

With more than 26,000 students enrolled and 6,000 new students each year, Arts & Science is home to nearly half of all first-year students at U of T.
Even so, classes are the right size – 65 percent of first-year classes have 50 students or fewer. Whether in a lecture or a small classroom, you will get the attention and support you need to excel in an academic setting while developing skills that transfer to the new challenges you will address in the professional or public sphere.

**STEP FORWARD**
This initiative helps to integrate the academic, personal, and professional development you acquire at U of T with the wider world. Find out more at stepforward.artsci.utoronto.ca

**Experience It Arts & Science Distinct Learning Opportunities**

**LEARNING IN A RESEARCH UNIVERSITY**
The University of Toronto is the leading research institution in Canada and one of the most outstanding research universities in the world

**Research Opportunities Program**
- Engage in research as early as your second year
- Work on a research project with a professor for course credit
- Research projects are available in all areas of study
- 2015-16 examples include:
  - Gather and process information to create biographies of ancient Athenians (classics)
  - Use forensic geophysics to detect buried evidence (earth sciences)
  - Work with infants and young children to study the formation of causal learning in social contexts (psychology)

**Student Profile - Ami Baba**
Year of study: Fourth

Hometown: Singapore, Singapore

College: New College

Areas of study: Neuroscience and Cognitive Science

Through her participation in the Research Opportunities Program, Ami became an active member of a lab while working closely with her professor. Her project with the Ontario Institute for Studies in Education studied the factors that affect student performance. This opportunity gave Ami a keen interest in continuing research throughout her undergraduate studies and beyond. Ami also participated in the Career Mentorship program which matched her with a
post-doctoral fellow at Toronto Western Hospital to help her explore future research opportunities.

**Research Excursions**
- Participate in a practical or experiential off-campus activity under the supervision of a faculty member in your third year
- Conduct research in archives, laboratories, libraries, or in a field camp – but not in a classroom

**Upper Year Opportunities**
- Design an independent research project in third or fourth year
- Work with your department to assemble your own research project for course credit

**FIRST YEAR: WHAT TO EXPECT**

**First Year Seminars**
- Focus on discussion of issues, questions, and controversies in a small-group setting – a maximum of 24 students each
- Develop critical thinking, writing skills, oral presentation, and research methods

Choose from over 100 courses including:
- Fatal Attraction: The Lure of Villains (and now Vampires!) in Literature – examine the lure of the charismatic, compelling, and ultimately devious villain
- Human Viruses – study virology, pandemics, vaccines and how viruses are transmitted and treated
- The Puzzle of Human Cooperation – explore how, unlike most animal species, humans are able to live in a large, complex and cooperative society, including the role of culture, language and rationality
- Astronomy at the Frontier – be at the cutting edge of astronomy, cosmology and space science by learning about the formation of stars and galaxies, exploration of the solar system, dark energy, dark matter and the age and future of the universe

[uoft.me/fas-seminars](uoft.me/fas-seminars)

**First Year Learning Communities (FLCs)**
FLCs bring together students in similar areas of study in groups of 24 to 30 students and enrolls them in the same sections of their common first-year lectures. Meet classmates, develop friendships, form study groups, and develop academic and personal skills. FLCs will also introduce you to the resources, opportunities, and culture of the campus and its surrounding community.
Benefit from an upper-year peer mentor and assistant peer mentor with the support of staff and/or faculty advisors.

Choose From

- Actuarial Science
- Computer Science
- Economics
- Life Sciences
- Mathematics
- Philosophy
- Rotman Commerce
- Social Sciences

flc.utoronto.ca

**STUDENT PROFILE - Saad Khan**

Year of study: Third

Hometown: Lahore, Pakistan

College: Victoria College

Areas of study: Immunology and Chemistry

Saad participated in the First Year Learning Communities program, which introduced him to a large number of university resources. He credits these resources with enhancing his undergraduate experience – so much so that he can’t imagine studying anywhere else.

**First Year Foundations**

The First Year Foundations (or “One Programs”) enable you to explore your interests, engage with community, and experience the extraordinary. All seven colleges in the Faculty of Arts & Science and the Munk School of Global Affairs offer these distinctive first-year programs.

One Programs combine one or more small-group, theme-based courses with co-curricular events such as guest lectures and experiential learning opportunities. All first-year, full-time students in the Faculty, regardless of college affiliation, are eligible for admission to these programs.

artsci.utoronto.ca/futurestudents/ones
INNIS ONE: The Creative City
Drawing from the College’s three academic programs – cinema studies, urban studies, and writing and rhetoric – Innis One encourages you to develop creative and critical capacities by exploring the dynamism of the urban environment.

MUNK ONE: Think Big
Think Big – Innovate. Munk One focuses on innovation and global problem-solving. Become part of a community engaged in addressing some of the most complex global challenges. Experience a cutting-edge curriculum focused on case-study learning, and unparalleled access to faculty and practitioners with unique expertise in areas such as cyber security, health, development, environmental sustainability, and global justice.

NEW ONE: Learning Without Borders
Through the topics of food, language, digital technology and community, deepen your understanding of how you are connected globally and what it means to be a responsible, engaged citizen in today’s world. Learn from peers, professors, community leaders, and social justice advocates; build academic skills and explore different ways of learning; learn through class discussions, hands-on activities, and field trips.

SMC ONE: Cornerstone
Integrate your university experience with community engagement and experiential learning in social justice. SMC One explores questions of power and privilege as they manifest themselves in the theory and practice of equity and justice in Canadian and North American contexts.

TRINITY ONE
Consisting of five distinct streams, the program offers discussion-oriented seminars exploring world affairs, democratic governance, ethical decision making, and issues surrounding the science and practice of modern health. Enrichment events draw upon U of T’s Centre for Ethics, School of Public Policy and Governance, Munk School of Global Affairs, and the Faculty of Medicine in the University of Toronto Affiliated Hospitals.

UC ONE: Engaging Toronto
Take one of an exciting set of small enrolment, interdisciplinary courses that engage different aspects of Toronto. UC One combines a strong academic orientation with co-curricular components that use Toronto as a laboratory for both humanities and social scientific enquiry.

VIC ONE
Vic One is an academically challenging and rigorous program with a multidisciplinary approach to examining major historical and cultural figures and the ideas that have shaped human experience. Offered through seven streams, Vic One aims to stimulate, encourage and refine intellectual curiosity.
WOODSWORTH ONE
Woodsworth One offers interactive learning and skills-building for academic success through interdisciplinary streams: “Order and Disorder” which focuses on crime, conflict, and law; and “Popular Culture Today” which explores contemporary literature, film, and music. Both streams combine weekly seminars with co-curricular sessions featuring field trips, guest speakers, films, and workshops.

STUDENT PROFILE - Matthew Celestial
Year of study: Fourth
Hometown: Whitby, Ontario
Highschool: All Saints High School
College: Woodsworth College
Areas of study: Book & Media Studies and Writing & Rhetoric
While in first year, Matthew participated in the SMC One program and gained unique experiences both within the classroom and beyond. Through one-on-one meetings, workshops, guest lectures and a volunteer placement in the community, Matthew became committed to the ideas of social justice and advocacy. These ideas have continued to shape his academic experience at U of T. SMC One also exposed Matthew to many programs and resources on campus. The connections he made during his field placement helped Matthew get his first job outside of school at Paramount Pictures Canada.

LEARNING IN A GLOBAL CONTEXT
Whether you’re interested in study, research or an internship abroad, U of T has an opportunity that will fit your academic program and interests. Program durations vary from a few weeks to a full year.

Exchanges
Immerse yourself in a new culture while earning academic credit. Pay home tuition while studying at one of the 150+ prestigious universities in the 40+ countries with which U of T has partnerships.

Summer Abroad
Enrich your academic life by travelling with a U of T faculty member and other U of T students to complete a course abroad over the summer. Choose from a wide range of topics including art history in Italy, archaeology in Peru, or comparative politics in China.

summerabroad.utoronto.ca
STUDENT PROFILE - Emily Tsui
Year of study: Fourth
Hometown: Toronto, Ontario
High School: Bayview Glen
College: Trinity College
Area of study: International Relations, Political Science and German Studies

Travelling the world has been a highlight of Emily’s studies. Emily learned about the history of the Balkans while visiting Austria, Bosnia and Herzegovina, Serbia, and Croatia as part of her Summer Abroad course. She also participated in an International Course Module by travelling to Georgia during reading week to research the hydroelectric sector in that country. As an international relations student, Emily feels these experiences have given her a truly global perspective that is relevant to her studies back on campus.

International Course Modules (ICMs)
ICMs are an intensive international experience integrated into the framework of existing undergraduate courses and scheduled to coincide with Reading Week. More than 50 groups of students have travelled to destinations in Asia, Africa, Latin America, the Caribbean, Europe, and the United States.

Joint Minors
Take your degree further with a specialized minor, offered jointly by U of T and the National University of Singapore (NUS). Programs include nanoscience, biology, Asian geographies, and Asian literatures and culture.

Live It: Arts & Science Community

THE ST. GEORGE CAMPUS COLLEGE SYSTEM
Every Arts & Science student is a member of a college. Whether you live in residence or commute to campus, your college is your neighbourhood, your community.

Your college will connect you with the tremendous history and tradition of the University of Toronto and its auspicious alumni. All students in the Faculty of Arts & Science have access to all programs regardless of their college affiliation: your college membership does not restrict you in any way with regards to program enrolment.
But your college membership will be an integral part of your U of T experience. Your college is where you’ll spend time between classes, where you’ll meet some of your closest friends, and find your place in the wealth of groups and activities that make up college life.

Your college will shape your experience in the Faculty. Each of the seven colleges on the St. George campus is a unique community of students and scholars. Each college offers programs of study. These reflect the colleges’ local character and are offered to all students in Arts & Science, not just those in that college.

Each college has its own culture, yet provides similar extensive services including: • Academic support, writing centres, and orientation
  • Financial counselling, scholarships, and bursaries
  • Accommodation
  • Study spaces, reading rooms, and computer facilities
  • Social and cultural events
  • First Year Foundations /College One Programs
  • Student government, newspapers, and other resources

Many students discover that their college is one of the most important factors in their university experience.

**The Right College for You**
When you apply to the Faculty of Arts & Science, you will rank the seven colleges in order of your interest. Each college has its own character. Take the time to consider which is the best fit for you. Look up college websites or better yet, come for a visit.

[uoft.me/colleges](uoft.me/colleges)

**Scholarships**
The colleges of the Faculty of Arts & Science each offer a wide range of admission scholarships to undergraduate students based on academic achievement, community engagement, and financial need.

[uoft.me/college-scholarships](uoft.me/college-scholarships)

**THE 7 COLLEGES**

**Innis College**
Founded 1964, 1,950 students Innis College, named for renowned Canadian scholar Harold Innis, is housed in a complex that merges Victorian and modern styles. Located next to Robarts Library, the College features a popular café, Innis Green, rooftop patio, and a revitalized Town
Hall Theatre for classes, community gatherings, and film events. The Innis Residence, across the street, is suite-style. Students enjoy dedicated support developing leadership and community engagement and equal representation in the College’s parity governance structure.

**Innis College Sponsored Programs:**
- Cinema Studies Institute
- Urban Studies
- Writing and Rhetoric

**Innis Contact Information:**
Tel: (416) 978-2513
mailto: registrar.innis@utoronto.ca
innis.utoronto.ca

**New College**
Founded 1962 4,800 Students

New College is located in the heart of the St. George Campus, close to classrooms and laboratories, the main library, and athletic centre. The College, residences, and academic facilities are housed together in three buildings, with residence rooms on upper floors and academic and social facilities on lower floors. The residence also includes students from engineering, music, kinesiology, and physical education. Mentor, volunteer, and service learning opportunities are an integral part of the College’s identity.

**New College Sponsored Programs:**
- African Studies
- Buddhism, Psychology and Mental Health
- Caribbean Studies
- Equity Studies
- Human Biology
- Women and Gender Studies Institute

**New College Contact Information:**
Tel: (416) 978-2460
mailto: newcollege.registrar@utoronto.ca
newcollege.utoronto.ca

**St. Michael’s College**
Founded 1852 4,800 students
Students are drawn to St Michael’s for many reasons – faith, family, friends and good fortune. St. Mikes, with 20 buildings on 12 acres situated on the beautiful east side of campus, is steeped in over 160 years of history. The College values and nurtures the intellectual, moral, and spiritual development of all its members and has been central to the study and practice of social justice at the University. St. Mikes is the only college with an independent women’s residence in addition to a co-ed residence.

**St. Michael’s College Sponsored Programs:**
- Book and Media Studies
- Celtic Studies
- Christianity and Culture
- Mediaeval Studies

**St. Michael’s College Contact Information:**
Tel: (416) 926-7117
mailto: ask.smc@utoronto.ca
stmikes.utoronto.ca

**Trinity College**
Founded 1851 1,800 students

Trinity is one of the oldest and smallest colleges at the University of Toronto and its close-knit community offers students a supportive and engaging academic and social environment. Trinity’s unique student government, which operates as a direct democracy, provides a number of leadership opportunities and ensures that every student’s voice is heard. Academic Dons (graduate students living in residence) provide academic and community support for all Trinity students, both resident and non-resident. Trinity is an exceptional place to live and learn – a place where students feel they belong.

**Trinity College Sponsored Programs:**
- Ethics, Society, and Law
- Immunology
- International Relations

**Trinity College Contact Information:**
Tel: (416) 978-2687
mailto: registrar@trinity.utoronto.ca
trinity.utoronto.ca
University College
Founded 1853 4,500 students

University College (UC) features prominently at the centre of campus in a national heritage building. The student-run University College Literary & Athletic Society (UCLit) is Canada’s oldest democratic student society. Three co-ed residences offer choices appealing to both vintage and modern sensibilities, while the Commuter Student Centre provides programming, events, lounge and study space for the College’s commuting students.

University College Sponsored Programs:
- Canadian Studies
- Centre for Drama, Theatre and Performing Studies
- Cognitive Science
- Health Studies
- Mark S. Bonham Centre for Sexual Diversity Studies

University College Contact Information:
Tel: (416) 978-3170
mailto:uc.registrar@utoronto.ca
uc.utoronto.ca

Victoria College
Founded 1836 3,300 students

Both intimate and expansive, Victoria College (Vic) provides an academic environment that welcomes diversity, embraces creativity, and is energized by challenge. All first-year Vic students enroll in a small class, whether it be by participating in the Vic One program, a Vic One Hundred Seminar, or another first-year seminar course.

Victoria College Sponsored Programs:
- Creative Expression and Society
- Education and Society
- Literature and Critical Theory
- Material Culture
- Renaissance Studies
- Science and Society
- Semiotics and Communication Studies

Victoria College Contact Information:
Tel: (416) 585-4508
mailto:applytovic@utoronto.ca
Woodsworth College
Founded 1974 6,000 students

Woodsworth College is situated at the gateway to the University of Toronto at the corner of St. George and Bloor Streets. The College features a stunning blend of Victorian and modern architecture, including two courtyards and a café. At the centre of the college is Kruger Hall Commons providing study and social space where students congregate to meet and learn. The Woodsworth community is diverse and supportive, with extensive academic advising services and leadership development opportunities. The popular suite-style residence provides private bedrooms, shared modern kitchens and bathrooms, with fitness facilities and 24-hour security.

Woodsworth College Sponsored Programs:
- Criminology and Sociolegal Studies
- Employment Relations

Woodsworth College Contact Information:
Tel: (416) 978-4444
mailto:wdwregistrar@utoronto.ca

Colleges: Frequently Asked Questions

What happens if I don't rank the colleges?
You must rank the colleges to complete your application to the Faculty of Arts & Science – but all the colleges have lots to offer. There isn’t a wrong choice.

Do I take classes at my college?
Not necessarily. You will be in classes with students from every college all over campus. However, many first-year seminars are taught in the colleges and often students take one at their own college.

Is there a science college or a commerce college?
No. All the colleges admit roughly the same proportion of arts, science and commerce students.

If I ask for student housing, will I be living at my college?
Most students live in residences associated with their college. Students are also housed at Chestnut Residence near campus which is home to students from all colleges, as well as from professional faculties and other divisions.
Can I change my order of college preference after I've completed my ranking online?
Ontario high school students can change their college rankings on the Ontario Universities’ Application Centre website until January 15, 2016. We cannot guarantee that changes made after that date will be accommodated. All other applicants may change their order of college preference until their application is complete and under review. Applicants should check join.utoronto.ca for up-to-date information on their applications.

Can I change my college after I've received my offer of admission?
It may be possible, but it depends on the space availability. It’s easiest to clarify your preferences when you apply.

How will I know which college has accepted me?
Your offer of admission to the Faculty of Arts & Science lets you know which college will be your home at U of T.

RESIDENCE

The Housing Guarantee
Housing is guaranteed for all new full-time students entering their first year of university in an undergraduate program for the first time, provided that they have indicated their interest in residence by completing the University’s common residence application, MyRes, by March 31st, and have received and accepted an offer of admission by June 1. Be sure to complete the MyRes application by March 31st to be eligible for the residence guarantee.

myres.utoronto.ca

45% - of first-year students live in residence

Meal Plans
Students living in dorm-style residences are required to purchase a meal plan. Students living in apartment-style residences have full kitchens and can prepare their own meals. Meal plans are available for any student living on or off-campus.

ueat.utoronto.ca

Chestnut Residence
Chestnut Residence is home to 1,200 students from all U of T faculties and colleges. Chestnut Residence offers high quality meals, a vibrant residence life program, 24-hour security staff, and a weekly cleaning service.

chestnutresidence.utoronto.ca
MAKE THE MOST OF YOUR U OF T EXPERIENCE

Support You Can Count On
Every student who arrives at the University of Toronto has a period of transition – it’s normal. To help you flourish at U of T, the University has extensive support services available. Whether you are dealing with a disability or you want to further develop your general academic, exam preparation, writing, math or English language skills, we have a dedicated team of professionals to ensure all students reach their full potential.

- Your college registrar’s offices (academic advising & financial aid) uoft.me/colleges
- Student Life Programs studentlife.utoronto.ca
- Housing Services housing.utoronto.ca
- Centre for Community Partnerships ccp.utoronto.ca
- Hart House harthouse.utoronto.ca
- Academic Success Centre asc.utoronto.ca
- Career Centre careers.utoronto.ca
- Centre for International Experience cie.utoronto.ca
- English Language Learning Program uoft.me/fas-ell
- Accessibility Services accessibility.utoronto.ca
- The Health and Wellness Centre healthandwellness.utoronto.ca
- Sexual and Gender Diversity Office sgdo.utoronto.ca
- Multifaith Centre multifaith.utoronto.ca
- First Nations House fnh.utoronto.ca

91% of first-year students return for their second year

Get Involved
The best way to ensure you have a fulfilling experience at U of T is to get involved in campus life. Take advantage of the unique programming to help you find your place in the university community.

College Community Activities
- Student government
- College newspapers
- Intramural sports
- Public and social spaces
- Events and activities
University Clubs and Associations

- More than 300 clubs and associations at U of T contribute to its rich intellectual, political, social, and cultural diversity
- Explore from a diverse range of activities from the Ping Pong Team to the Academic Trivia Club

ULife
Explore the ULife website for what’s happening on campus

- Groups
- Intramural teams
- Activities

ulife.utoronto.ca

Learn It: Arts & Science Choice Programs

The Faculty of Arts & Science is one of Canada’s largest and most research-intensive undergraduate enterprises – a vibrant intellectual community of students and scholars. Arts & Science affords you the broadest spectrum of choices as you begin your academic career.

4,000+ courses
300+ undergraduate programs

FIND FLEXIBLE OPTIONS HERE
Choice and flexibility are hallmarks of an education in the Faculty of Arts & Science. You’ll have the opportunity to combine programs in widely different areas. Interested in both English and biochemistry? How about physics and philosophy? Or mathematics and drama? Our flexibility gives you the freedom to mix and match your programs.

FIND THE RIGHT PROGRAM FOR YOU HERE
At the end of your first year, you will decide on your program(s), which means that your first year is an excellent opportunity to explore the full breadth of opportunities Arts & Science has for you.

In addition to choosing a subject area, you will choose from one of three ways to study that subject.

PROGRAM TYPES
- Specialist – this is the most intensive option, consisting of 9 to 14 courses over the course of your 20 credit undergraduate degree
• Major – this option consists of 6 to 8 courses, and gives you the opportunity to mix and match your programs
• Minor – this is the least intensive option, with just 4 courses

THE CHOICE IS YOURS
You won’t be restricted to just the courses in your program. In fact, we encourage students to take courses outside of their main area(s) of study. Our breadth requirement ensures that students be a little adventurous with their courses; it’s easy to fulfill and a great way to explore newfound interests.

PROGRAMS OF STUDY IN THE FACULTY OF ARTS & SCIENCE
For detailed program information visit: artsci.utoronto.ca/futurestudents/academics

Rotman Commerce
• Explore the role of commerce in modern society
• Build on a foundation in business and liberal arts
• Gain a global perspective with this innovative curriculum

Specialize in:
• Finance and economics
• Management (optional concentrations: innovation and entrepreneurship, international business, leadership in organizations, marketing or strategy)
• Accounting (public accounting or financial reporting and control)

Admission category: Rotman Commerce

FACULTY PROFILE - Partha S. Mohanram
Professor of Accounting, Rotman Commerce

Professor Partha Mohanram is the CPA Ontario Professor of Financial Accounting at Rotman. With research interests in financial statement analysis, valuation of growth firms and implied cost of capital and executive compensation, Partha imparts the latest and most cutting-edge accounting knowledge to his graduate and undergraduate students.

Humanities And Social Sciences

Aboriginal Studies
• Focus on the languages, cultures, histories, and well-being of Indigenous Peoples
• Explore their knowledge within Canada and globally

Admission category: Jointly listed under Humanities and Social Sciences
African Studies

- Learn about the fascinating cultural and linguistic diversity of more than one billion people who live in Africa’s 54 sovereign nations
- Examine the cultures, ideas, knowledge, and institutions of African diasporas around the world

Admission category: Jointly listed under Humanities and Social Sciences

American Studies

- Gain a broad exposure to fundamental themes of American life and a greater understanding of American culture, history, and politics

Admission category: Jointly listed under Humanities and Social Sciences

Anthropology

- Examine human biological, social, and cultural development
- Explore three areas of research: archaeology; biological or evolutionary anthropology; society, culture and language
- Science options also available

Admission category: Social Sciences

Archaeology

- Investigate the nature of and changes in past cultures through the material culture left behind
- Analyze artefacts – stone tools, pottery, bones, plant remains, architecture, and other cultural residues – to improve our understanding of past cultures and populations

Admission category: Social Sciences

Art

- Study the history of art and architecture related to Europe, North America, and South and East Asia from the Bronze Age to the present
- Take courses ranging in focus both geographically and temporally, as well covering artistic forms, traditions, and individual artists

Admission category: Humanities

Note: students interested in Visual Studies must apply directly to the John H. Daniels Faculty of Architecture, Landscape, and Design

Bioethics

Offered by Philosophy
Book & Media Studies
- Investigate the role of communications, mass media, printing, books, and reading in cultures past and present
- Explore contemporary and traditional approaches to media

Admission category: Humanities

Buddhism, Psychology & Mental Health
- Focus on the contributions of Buddhism to the modern understanding of consciousness, mental health and illness, and determinants of physical health
- Learn about the nature of the mind and consciousness as described within Buddhist psychology

Admission category: Humanities

Buddhist Studies
Offered by Religion

Canadian Studies
- Explore a wide range of contemporary issues and events in Canada
- Discover how cultural, social, political, and economic developments are linked but vary geographically

Admission category: Jointly listed under Humanities and Social Sciences

Caribbean Studies
- Take an interdisciplinary approach to the study of Caribbean history, society, economy, and culture
- Learn about the Caribbean through courses drawn from history, literature, women and gender studies, Spanish, and Portuguese

Admission category: Jointly listed under Humanities and Social Sciences

Celtic Studies
- Examine Celtic identities in the modern, ancient, and medieval world through the languages and literature; the history and archaeology; and the folklore, music and art of Ireland, Scotland and Wales
- Explore the transmission of these traditions to Canada and the United States

Admission category: Humanities
Christianity & Culture
- Study Christianity and its interaction with facets of western and world culture through art, literature, science, music, philosophy, theology, ritual, law, and social and institutional history

Admission category: Humanities

Cinema Studies
- Explore the cinema through a variety of approaches: critical analysis, film history and theory, including the study of genres, filmmakers, national and transnational cinemas, and the evolving digital landscape
- Examine the relationship between cinema, artistic and media forms, social practices, and cultural and technological trends

Admission category: Humanities

Classics
- Study the captivating world of ancient Greece and Rome through language, literature, history, philosophy, art, and architecture

Admission category: Humanities

Cognitive Science
- Explore such mental phenomena as perception, language, learning, and reasoning
- Study the mind from the perspective of computer science, linguistics, neuroscience, philosophy, and psychology
- Focus on one of: perception and attention; language and cognition; thinking and reasoning
- Science options also available

Admission category: Humanities

Contemporary Asian Studies, Dr. David Chu Program
- Focus on the entire Asian region and its position in the global community by examining historical and contemporary linkages as well as current issues and debates affecting the region

Admission category: Jointly listed under Humanities and Social Sciences

Creative Expression & Society
- Analyze the relationship between creative arts and society
• Develop skills in creative expression and communication through workshop-style courses

Admission category: Jointly listed under Humanities and Social Sciences

**Criminology & Sociological Studies**

• Understand crime and criminal behaviour, law enforcement and criminal justice, and social order and disorder
• Learn about theories, research methods, and findings from a wide range of disciplines

Admission category: Social Sciences

**Diaspora & Transnational Studies**

• Explore the relations of homelands and host nations from the perspective of those who have moved – whether voluntarily or not – to better comprehend the lived experience of these communities
• Examine the flows and counterflows of peoples, as well as goods and ideas

Admission category: Humanities

**Drama**

• Combine professional theatre training with a rich and rigorous academic program
• Choose from a vast array of courses from dramatic literature to acting, production, design and playwriting

Admission category: Humanities

**East Asian Studies**

• Study the history, culture, and language of premodern, modern and contemporary China, Japan, and Korea

Admission category: Jointly listed under the Humanities and Social Sciences

**Economics**

• Investigate the conflict between the supply of and the demand for goods and services
• Develop the tools for intelligent appraisal of contemporary economic problems
• Science options also available

Admission category: Social Sciences

**Education & Society**

• Explore topics of fundamental importance to education and learning, including child and adolescent development, and equity and diversity
- Participate in local and international placements and hands-on opportunities; not only for future teachers

Admission category: Jointly listed under Humanities and Social Sciences

**Employment Relations**
- Study the employment relationship in a Canadian and international context
- Examine employment from the different perspectives of economics, history, law, political science, and management
- Gain theoretical and practical knowledge of current developments in human resource management, labour policy and industrial relations

Admission category: Social Sciences

**English**
- Join the distinguished tradition of appreciation and analysis of literature in English
- Choose from academic programs that are structured historically, geographically, and theoretically – individual courses may address an author, a genre, or an entire period

Admission category: Humanities

**Environment**
- Choose from a variety of programs offered by the School of the Environment (Environmental Studies) or as joint programs with other disciplines
- Explore the economic, social, cultural, and political forces behind some of the most pressing environmental issues facing Canada and the world today, including climate change, biodiversity loss, and air quality
- Science options also available

Admission category: Social Sciences

**Equity Studies**
- Focus on social justice theory and practice in local and global contexts
- Specialize in disability studies, global food equity, or social advocacy

Admission category: Jointly listed under Humanities and Social Sciences

**Estonian**
- Study the language, literature, and culture of Estonia
- Expand language skills and acquire a knowledge of one of the few non-Indo-European languages that survived in Europe

Admission category: Humanities
Ethics, Society & Law
• Examine ethical and legal issues in various social and political formations

Admission category: Jointly listed under Humanities and Social Sciences

European Studies
• Focus on the study of Europe and the European Union, today’s largest trading bloc
• Acquire a fluency in one of the major official languages of the European Union

Admission category: Jointly listed under Humanities and Social Sciences

Finnish Studies
• Examine Finnish culture, history, language, and literature
• Enroll in a wide range of courses, including linguistics and translation, as well as popular film and folklore

Admission category: Humanities

Forest Conservation
• Examine issues of forest conservation through the lens of the social sciences
• Learn about biodiversity conservation, ecological and economic sustainability, protection of wildlife and other habitats, and biofuels and biomaterials
• Science options also available

Admission category: Social Sciences

French Studies
• Learn French through wide-ranging approaches to the language and the diversity of cultures it expresses
• Explore an integrated curriculum that includes linguistics, literature, culture, and didactics

Admission category: Humanities

Geography
• Discover the diverse worlds created by humans over time
• Explore the world’s social, cultural, environmental, political and economic landscapes
• Science options also available

Admission category: Social Sciences

German Studies
• Study German language and culture in German and English
• Cover a wide field of Germanic studies including business German, medieval studies, and Yiddish studies

Admission category: Humanities

**Greek**
Offered by Classics

**Health Studies**
• Explore the social, cultural, economic, and political factors that shape the wellbeing of individuals and communities
• Join students from a variety of backgrounds in a stimulating environment that challenges you to think about health in new ways

Admission category: Jointly listed under Humanities and Social Sciences

**History**
• Engage in the study of the past, specifically how historical events relate to humans
• Study the causes and consequences that have shaped the world as we know it
• Examine trends in history by period, region, and theme

Admission category: Humanities

**History & Philosophy of Science & Technology**
• Examine the nature of science and technology as well as their impact on different societies
• Explore the world of scientific thought and practice while deepening your knowledge of the conceptual and social evolution of science

Admission category: Humanities

**Hungarian Studies**
• Focus on Hungary’s history, language, literature, and culture and on the international role of Hungary and Hungarians including Hungarian immigration to Canada

Admission category: Humanities

**International Relations**
• Explore the enduring questions of the origins of war and the maintenance of peace
• Obtain a solid foundation in the economic, political, and historical interactions between nations

Admission category: Jointly listed under Humanities and Social Sciences
Islamic Studies
Offered by Religion

Italian Studies
• Acquire a language, but also study rich literature and a many-faceted culture
• Study the contribution made by the vast influx of Italians to Canada and Canadian culture

Admission category: Humanities

Jewish Studies
• Explore Jewish civilization from an interdisciplinary perspective
• Engage in the religion, languages, literature, history, and philosophy of the Jewish people and their interaction with others from biblical times to the present

Admission category: Jointly listed under Humanities and Social Sciences

Latin
Offered by Classics

Latin American Studies
• Seek a deeper understanding of the Latin American regions, their histories, cultures, and societies
• Delve into the languages and the historical and cultural experiences of Spanish and Portuguese America

Admission category: Jointly listed under Humanities and Social Sciences

Linguistics
• Study the origin and nature of language, a complex human behaviour
• Discover what languages have in common, how they are acquired and how they are relevant
• Develop an understanding of the phonological, grammatical, and semantic structure of language while exploring descriptive, experimental, and historical approaches to the discipline

Admission category: Humanities

Literature & Critical Theory
• Gain familiarity with critical theory to explore links between literature and cultural forms and the historical, cultural, political, social, and psychological forces they reflect
• Analyze literary texts and other media in more than one language
Admission category: Humanities

**Material Culture**
- Explore the history, anthropology, art, and archaeology of cultures through the objects and artefacts
- Work with faculty as well as curators and other professionals to analyze the social and cultural relevance of objects, collections, and exhibits

Admission category: Jointly listed under Humanities and Social Sciences

**Mediaeval Studies**
- Explore all aspects of European culture from the fall of Rome to the fall of Constantinople, approximately AD 450 to 1450
- Study history, literature, art, and Mediaeval Latin, and study the origins of forms that are familiar to us today

Admission category: Humanities

**Music**
- Study cultural history of music as it occurs in society, both through the ages and throughout the world
- Ensemble option programs are available; audition is required
- Students interested in music performance programs (e.g. Bachelor of Music) should apply directly to the Faculty of Music

Admission category: Humanities

**Near & Middle Eastern Civilizations**
- Take an interdisciplinary approach to the study of the complex civilizations and cultures of the Near and Middle East from Neolithic times until the present
- Explore their archaeology, history, culture, languages (historic and contemporary) and literatures

Admission category: Humanities

**Peace, Conflict & Justice**
- Examine the role of justice and its complex connections to conflict and peace
- Integrate analysis of peace-building and peace-making strategies in diverse social, political, and economic contexts

Admission category: Social Sciences
Philosophy
• Develop an interest in basic assumptions about the nature of the physical and social world, and about the nature of enquiry itself
• Learn what distinguishes philosophy from the physical and social sciences

Admission category: Humanities

Polish
Offered by Slavic Languages & Literatures

Political Science
• Analyze the links between individuals, groups, and the state, as well as those within government
• Study political theory, government, international relations, and the politics of societies at different stages of development

Admission category: Social Sciences

Portuguese
Offered by Spanish & Portuguese

Public Policy
• Learn to make a difference in the complex policy issues of today and understand the public policy process at both the domestic and international levels
• Develop advanced theoretical and applied reasoning skills in policy analysis, as well as a solid grounding in research methods

Admission category: Social Sciences

Religion
• Explore the world’s religious traditions: the scriptures, institutions, teachings, devotions, rituals, iconography, and moral injunctions
• Learn to describe, compare, interpret, and explain religion, emphasizing systematic, historically-based, and cross-cultural perspectives

Admission category: Humanities

FACULTY PROFILE - Pamela Klassen
Professor in the Department for the Study of Religion

As both a dedicated researcher and educator in the Department for the Study of Religion, Professor Pamela Klassen believes that by bringing students into her research, they will not only learn, but also create knowledge. Pamela bridges research and teaching with her participation
in the Research Opportunities Program and Research Excursions. These second and third year credit courses allow students to engage in Pamela’s research either on campus or at archives in the US and Germany.

**Renaissance Studies**
- Examine the Renaissance (ca. 1350-1650) – a transformative point in western civilization
- Take courses in European literature, history, religion, art, and music of the time

Admission category: Jointly listed under the Humanities and Social Sciences

**Russian**
Offered by Slavic Languages & Literatures

**Science & Society**
- Explore the different ways science and technology shape modern society and in turn, how society shapes science and technology
- Learn about science and values, science-related policy and politics, ethical uses of technology, scientific revolutions and controversies, modelling and communication of scientific research, and knowledge transfer from research to commercial and societal applications

Admission category: Social Sciences

**Semiotics & Communication Studies**
- Learn about the science of communication and how we organize our sign systems
- Explore the ways we transmit understanding in natural and artificial languages, non-verbal signalling,
- and beyond

Admission category: Jointly listed under the Humanities and Social Sciences

**Sexual Diversity Studies**
- Learn how sexuality is understood and represented in cultural, political, legal, social, and religious contexts

Admission category: Social Sciences

**Slavic Languages & Literatures**
- Study Slavic languages, literatures, and cultures: Croatian, Czech, Macedonian, Polish, Russian, Serbian, Slovak, and Ukrainian

Admission category: Humanities
Sociology
  • Learn about the scientific study of human social behaviour — its origins, development, organization, and transformation
  • Investigate how social relations shape human action and how human action shapes social relations

Admission category: Social Sciences

South Asian Studies
  • Explore the cultures of Bangladesh, Sri Lanka, India, Pakistan, and Nepal as well as their contemporary global significance examined through historical contexts and historical antecedents

Admission category: Jointly listed under Humanities and Social Sciences.

Spanish & Portuguese
  • Explore the diversity of the transatlantic Hispanic and Lusophone worlds through the study of languages, cultures, literatures, and linguistics
  • Learn about the origins of the first global empires and their legacies in the current context of two of the world’s most popular languages

Admission category: Humanities

Ukrainian
Offered by Slavic Languages & Literatures

Urban Studies
  • Learn about the socioeconomic underpinnings of urban growth and change
  • Develop a deeper appreciation for the multidimensional character of urban problems through experiential learning opportunities
  • Develop a critical appreciation of the modern city in historical and comparative contexts

Admission category: Social Sciences

Women & Gender Studies
  • Investigate the meaning and importance of gender in a variety of contexts
  • Take an interdisciplinary and transnational approach to gender

Admission category: Jointly listed under Humanities and Social Sciences

Writing & Rhetoric
  • Develop reading and critical thinking in support of powerful writing skills
• Choose from a variety of courses including editing, creative writing, and business and professional writing

Admission category: Humanities

Yiddish
Offered by German

Sciences

Actuarial Science
• Study the mathematics associated with financial risk in insurance, pension, and investment plans
• Model random processes from observed data

Admission category: Physical and Mathematical Sciences

Animal Physiology
Offered by Cell & Systems Biology

Anthropology
• Examine human biological, social, and cultural development
• Explore three areas of research: archaeology; biological or evolutionary anthropology; society, culture and language
• Arts options also available

Admission category: Life Sciences

Astronomy & Astrophysics
• Explore the universe and seek to understand it based on physical laws
• Use physics, chemistry, mathematics, and computer science to solve challenging problems

Admission category: Physical and Mathematical Sciences

Biochemistry
• Study the chemistry of living organisms at a molecular level
• Investigate the relevance of molecules in organisms, and the correlations between their structure and function

Admission category: Life Sciences

Bioinformatics & Computational Biology
Offered by Biochemistry
Biology

- Study life and living organisms, including their structure, evolution, taxonomy, growth, distribution, and function
- Take a wide range of courses from both the departments of ecology and evolutionary biology, and cell and systems biology

Admission category: Life Sciences

Biomedical Toxicology
Offered by Pharmacology & Toxicology

Cell & Systems Biology

- Study life, from molecules to functioning individual organisms
- Understand the underlying molecular processes that control cells and dynamic networks
- Incorporate large datasets arising from the genomics revolution

Admission category: Life Sciences

Chemistry

- Explore molecular systems at the atomic level, evaluating how structure and reactivity relate to function
- Learn to synthesize and analyze molecules to control the properties of materials, to influence interactions in living organisms, and to understand environmental chemistry

Admission category: Physical and Mathematical Sciences

Cognitive Science

- Examine such mental phenomena as perception, language, learning, and reasoning
- Study the mind from the perspective of computer science, linguistics, neuroscience, philosophy, and psychology
- Choice of two streams: computational cognition or cognition and the brain
- Arts options also available

Admission category: Physical and Mathematical Sciences

Computer Science

- Study the fundamental concepts behind computation
- Explore the development of techniques for solving practical problems

Admission category: Computer Science
Earth Sciences
- Examine the physical, chemical and biological processes that shape the Earth and its companions in the solar system
- Engage in hands-on, lab and field based explorations of geologic structures, resources, surface processes, and planetary evolution

Admission category: Physical and Mathematical Sciences

Ecology & Evolutionary Biology
- Examine the origin and maintenance of diversity – from genomes to ecosystems – that underlie all life sciences
- Choose from over 50 courses, covering topics such as molecular evolution and genomics, biodiversity, conservation biology, population genetics, and animal behaviour

Admission category: Life Sciences

Economics
- Develop the tools for intelligent appraisal of contemporary economic problems
- Investigate the conflict between the supply of and the demand for goods and services
- Arts options also available

Admission category: Physical and Mathematical Sciences

Environment
- Choose from a variety of programs offered by the School of the Environment (Environmental Science) or as joint programs with other disciplines
- Integrate scientific principles from across the physical and biological sciences to explore some of the most pressing environmental issues facing Canada and the world today, including climate change, biodiversity loss, and air quality
- Arts options also available

Admission category: Life Sciences

Forest Conservation
- Combine traditional ecological and physical sciences with social sciences to address issues of forest conservation
- Learn about biodiversity conservation, ecological and economic sustainability, protection of wildlife and other habitats, and biofuels and biomaterials
- Arts options also available

Admission category: Life Sciences
**Fundamental Genetics & Its Applications**  
Offered by Human Biology

**Geography**  
- Discover the Earth’s physical and biological environments  
- Explore the world by focusing on geomorphology, climate, soils and hydrology

Admission category: Life Sciences

**Global Health**  
Offered by Human Biology

**Health & Disease**  
Offered by Human Biology

**Human Biology**  
- Examine the biology of our species through an interdisciplinary lens by integrating topics from the medical, biological and social sciences, as well as the humanities  
- Choose from six streams: health and disease; fundamental genetics and its applications; neuroscience; global health; environment and health; and general human biology

Admission category: Life Sciences

**FACULTY PROFILE - William Ju**  
Professor, Human Biology Program

Human Biology Professor William Ju is sharp, creative and deeply passionate about education, student engagement and cultivating excellence. His ability to impart not only knowledge, but also excitement about the subject matter led his students to nominate him for an Outstanding Teaching Award. William was one of the 2015 recipients for his commitment to education.

**Immunology**  
- Learn about this exciting branch of biomedical science that focuses on all aspects of the immune system in all organisms  
- Study topics such as infectious diseases, organ transplantation, tumour immunology, and autoimmune diseases

Admission category: Life Sciences

**Materials Science**  
- Explore the structure, properties and applications of materials  
- Draw on the sciences of chemistry and physics and on applied subjects such as metallurgy, ceramics and polymer science
• Jointly offered by the Faculty of Arts & Science and the Faculty of Applied Science and Engineering (note that this is separate from Materials Science and Engineering, which leads to a Bachelor of Applied Science and Engineering)

Admission category: Physical and Mathematical Sciences

**Mathematics**
- Acquire the language and tools for the scientific understanding of the world
- Enhance your problem solving and analytical thinking skills
- Choose from programs in pure or applied mathematics, or programs with links to other disciplines such as physics, philosophy, probability, statistics, or finance

Admission category: Physical and Mathematical Sciences

**Molecular Genetics & Microbiology**
- Examine the molecular basis of genetics, the study of heredity, and of microbiology, the study of bacteria and viruses
- Gain the tools to advance our understanding of fundamental biological processes, and of the nature of genetic and infectious disease

Admission category: Life Sciences

**Nanoscience**
Offered by Chemistry

**Neuroscience**
Offered by Human Biology

**Nutritional Sciences**
- Learn about the impact of nutrition on human health and disease
- Study nutrition from the cellular to population level
- Learn the basic nutritional sciences, as well as the community and clinical aspects of nutrition

Admission category: Life Sciences

**Pathobiology**
- Investigate the molecular mechanisms of disease through this innovative program that bridges science and clinical medicine

Admission category: Life Sciences
Pharmaceutical Chemistry
• Combine knowledge of the biological, medical and physical sciences in the study of drug therapy
• Receive a solid background in the physical, organic and analytical aspects of chemistry
• Learn the fundamental aspects of the synthesis, manufacture, use, and mode of action of pharmaceuticals

Admission category: Life Sciences

Pharmacology & Toxicology
• Examine the mechanisms by which chemicals exert their beneficial or harmful effects
• Determine therapeutic as well as adverse effects of compounds, ultimately to improve health outcomes
• Research potential new therapeutic agents while better understanding the clinical advantages and disadvantages of those currently in use

Admission category: Life Sciences

Physics
• Learn about the basic laws that govern how material objects move and influence each other
• Explore a diverse array of systems, from the simplest subatomic particles to the complex processes found in biological cells or in the Earth’s climate
• Choose core physics or an interdisciplinary program like biological physics, physics and mathematics, chemical physics, physics and astronomy, physics and philosophy, or geophysics

Admission category: Physical and Mathematical Sciences

Physiology
• Study how the body works in health and disease
• Understand the function at the molecular, genomic, cellular, organ, and organism level
• Use physiological knowledge to inform health-related decisions and improve clinical care

Admission category: Life Sciences

Planetary Science
Offered by Astronomy & Astrophysics

Psychology
• Investigate the behaviour of human beings and animals, focusing on the individual
• Understand how humans learn, adapt, and remember; how they change over their lifetimes; how they are affected by the presence of others; and how their behaviour relates to their physiological functions

Admission category: Life Sciences

Statistics
• Learn the tools needed to understand uncertainty and how data are used for discoveries in science and social science
• Combine tools and techniques from mathematics, computer science, and applications to turn data into information
• Choose from programs in applied or theoretical statistics, combine with computer science for a data science program, or link study in statistics with applications in another discipline

Admission category: Physical and Mathematical Sciences

ADMISSION REQUIREMENTS
The following charts list all programs available in the Faculty of Arts & Science for 2015-16. The admission requirements refer to the courses required for admission; the program prerequisites are the required background needed to either enroll in the first-year course required for that program or to enroll in the program at the end of first year. All course codes refer to the Ontario high school curriculum. Students from other provinces and countries should present the equivalent senior level high school courses. For more information about course equivalencies, please see the Enrolment Services website.

[admission requirements chart]

adm.utoronto.ca

Deadline for applications is February 1, 2016
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<tr>
<th>Program by Admission Category</th>
<th>Subject(s) Required in Addition to English</th>
<th>Specialist</th>
<th>Major</th>
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<td><strong>COMPUTER SCIENCE (BSc)</strong></td>
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<td>Asian Canadian Studies</td>
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<td>Asian Literatures and Cultures (offered jointly with the National University of Singapore)</td>
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<td>Bioethics</td>
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<td>Cinema Studies</td>
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<td>Classical Civilization</td>
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<td>Cognitive Science</td>
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<td>Contemporary Asian Studies, Dr. David Chu Program in (J)</td>
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<td>Creative Expression and Society (J)</td>
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<td>Czech and Slovak Studies</td>
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<td>Diaspora and Transnational Studies</td>
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<td>Ethics, Society and Law (J)</td>
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**PHYSICAL AND MATHEMATICAL SCIENCES (BSc)**

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<td>Specialist</td>
</tr>
<tr>
<td>Women and Gender Studies (J)</td>
<td></td>
<td></td>
<td>Specialist</td>
</tr>
</tbody>
</table>

**Legend**

- **Bio** – Biology
- **C** – Calculus and Vectors
- **Ch** – Chemistry
- **Ph** – Physics
- **Math** – Any senior level math
TUITION 2015-2016

Domestic Fees
TUITION - $6,220

COMPUTER SCIENCE - $11,520 after first year

ROTMAN COMMERCE - $16,030 after first year

Incidental Fees $1,250 – $1,750 depending on college

International Fees
TUITION - $38,460

COMPUTER SCIENCE - $42,560 after first year

ROTMAN COMMERCE - $46,780 after first year

Incidental Fees $1,250 – $1,750 depending on college

See It: Arts & Science Campus Visits & Contacts

VISIT US! Located in the middle of downtown Toronto, St. George Campus is an oasis in the heart of the city: a beautiful campus with parkland and green space, minutes from the vibrant city. Come see for yourself to learn more about life on campus.

CONTACT US
Student Recruitment

Office of the Faculty Registrar
Faculty of Arts & Science
100 St. George Street
Toronto, Ontario M5S 3G3
T: (416) 978-4272
mailto:recruit.artsci@utoronto.ca
artsci.utoronto.ca/futurestudents

**CAMPUS TOURS**
Campus-wide tours are offered year-round through the Office of Student Recruitment at the Nona Macdonald Visitors Centre, 25 King’s College Circle, Toronto. Visit the website to register for a tour.

discover.utoronto.ca/tours

**FALL CAMPUS DAY**
Saturday, October 17, 2015