uOttawa

PROGRAMS AND ADMISSIONS 2021

SCHOLARSHIPS AND FINANCIAL AID

See reverse side of this brochure

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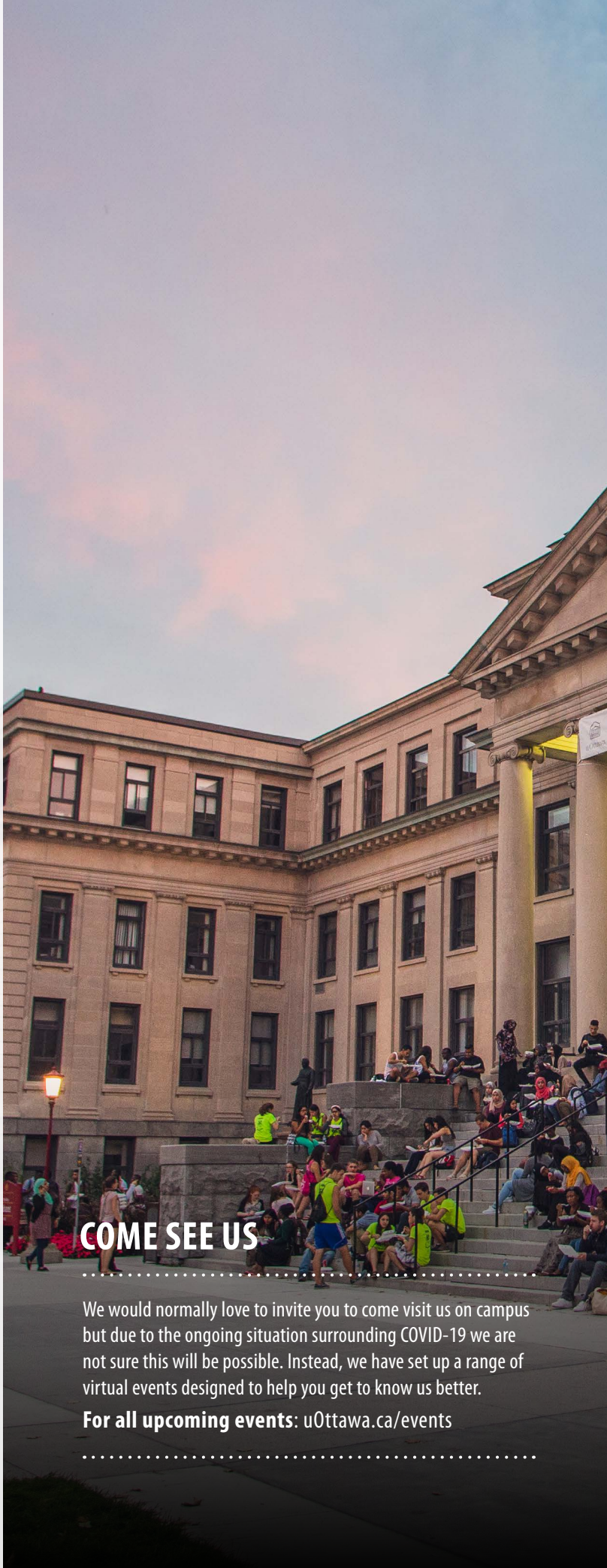
On the reverse side Scholarships, bursaries and financial aid

INDIGENOUS AFFIRMATION

We pay respect to the Algonquin people, who are the traditional guardians of this land. We acknowledge their longstanding relationship with this territory, which remains unceded. We pay respect to all Indigenous people in this region, from all nations across Canada, who call Ottawa home. We acknowledge the traditional knowledge keepers, both young and old. And we honour their courageous leaders, past, present, and future.

CONTACT US

Liaison Office
Tel: 613-562-5800 ext. 1000
Toll free: 1-877-868-8292 ext. 1000
liaison@uOttawa.ca
uOttawa.ca/admission



COME SEE US

We would normally love to invite you to come visit us on campus but due to the ongoing situation surrounding COVID-19 we are not sure this will be possible. Instead, we have set up a range of virtual events designed to help you get to know us better.

For all upcoming events: uOttawa.ca/events

CONNECT WITH US

uOttawa - Future Students, Futurs étudiants

@uOttawaFuture

uOttawafuture

uOttawa Future

The information in this brochure on programs of study, admissions prerequisites and other requirements is accurate as of August 2020. The University of Ottawa reserves the right to change program details and requirements without notice.

THIS IS **uOTTAWA**

We offer the space, expertise, tools and technologies to push the boundaries of knowledge and help you become your best future self. Proactive and inclusive, we strive for excellence, opening doors to higher education. Join a community of bold, caring and engaged people like you to build a better society and a more sustainable world. **thisisuOttawa.ca**

EN FR

WORLD'S LARGEST BILINGUAL ENGLISH-FRENCH UNIVERSITY

17%

INTERNATIONAL STUDENTS FROM **155 COUNTRIES**

7th BEST UNIVERSITY IN CANADA[1]

141st BEST UNIVERSITY IN THE WORLD[1]

90% OF STUDENTS PARTICIPATE IN **HANDS-ON LEARNING**

GLOBAL NETWORK OF OVER **225,000 ALUMNI**

5 NEW STATE-OF-THE-ART FACILITIES OPEN IN THE LAST 7 YEARS
(STEM COMPLEX, LABO, ADVANCED RESEARCH COMPLEX, LEARNING CROSSROADS, LEES FOOTBALL DOME)

1,086 TEACHING AND RESEARCH LABORATORIES

$42 MILLION IN SCHOLARSHIPS & BURSARIES AWARDED ANNUALLY TO UNDERGRADUATE STUDENTS

#10 AMONG WORLD UNIVERSITIES

IN MEETING UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS FOR **PEACE, JUSTICE & STRONG INSTITUTIONS**[2]

Sources: 1 - Times Higher Education World University Rankings 2020 2 - Times Higher Education University Impact Rankings 2019 3-Universitas Indonesia's Green Metric World University Rankings 2019.

OTTAWA: THE PLACE TO BE

Our beautiful downtown location appeals to urban adventurers and nature lovers alike. You'll love Ottawa's easy-going lifestyle. The Byward Market, Parliament Hill and the world's largest skating rink are right at our doorstep. You'll have easy access to gigs, festivals, theatre and art. This town is booming, giving you lots of opportunities for valuable hands-on learning at Canada's political epicentre and with knowledge-based companies, The Ottawa Hospital (one of Canada's largest teaching hospitals), the Supreme Court and more.

CONSISTENTLY RANKS AMONG THE **BEST CANADIAN CITIES**[1]

#2 FOR TECH TALENT CONCENTRATION IN NORTH AMERICA[2]

#19 IN THE WORLD FOR QUALITY OF LIVING[3]

25,000 EMPLOYERS
756,000 JOBS

NEW **LIGHT RAIL TRANSIT STATION** ON CAMPUS

THE ONLY **UNIVERSITY CAMPUS** IN DOWNTOWN OTTAWA

Sources:
1 - MoneySense. #1 in 2016 and 2017 and #2 in 2018
2 - CBRE. 2019 Scoring Tech Talent Report
3 - 2019 Mercer Quality of Living Ranking

OUR ENGLISH-FRENCH UNIVERSITY EXPLAINED

More than two-thirds of uOttawa students are enrolled in programs taught in English. While many choose to study entirely in English, others take advantage of our ideal environment to become fluent in French, be exposed to the French culture or just pick up a few words. You'll hear both English and French, as well as many other languages, on our downtown campus. It's part of what makes us unique.

Have the best of both worlds

- The possibility to study only in English, only in French or in a mixture of both.
- No French test if you study only in English.
- The choice to take courses in French but write your assignments and exams in English (or vice versa).
- Campus services in English or French.
- Your diploma issued in English or French — your choice.
- Exceptional support if you want to become professionally bilingual (see page 10 for details).

LEARN IT. KNOW IT. DO IT. LIVE IT.

ADD VALUE TO YOUR DEGREE AND GET YOUR DREAM JOB.

CO-OP: PAID WORK EXPERIENCE

Our renowned Co-operative Education Program allows you to complete paid work terms in your field of study with our extensive network of top employers in the Ottawa-Gatineau region, elsewhere in Canada and abroad.

- Test drive your career interests.
- Build a professional network.
- Develop the concrete skills that employers crave.
- Get a head start on a stellar career.
- Get 16 months of valuable experience.

RECEIVE MENTION OF CO-OP ON YOUR DIPLOMA

89 UNDERGRADUATE CO-OP PROGRAMS

Typical sequence of study and CO-OP work terms

YEAR	FALL	WINTER	SUMMER
1	Study	Study	-
2	Study	Study	Work term
3	Study	Work term	Study
4	Work term	Study	Work term
5	Study	-	-

coop.uOttawa.ca

5th LARGEST CO-OP PROGRAM IN THE COUNTRY

EARN BETWEEN **$35,000 AND $45,000**

96% PLACEMENT RATE

4,000+ EMPLOYERS

WORK-STUDY PROGRAM

Step out of the classroom and be right at work! How's that for an easy commute! Help pay your way through university with a part-time job on campus that fits your course schedule.

- Earn up to $7,000 during the summer.
- Earn up to $4,000 working part time during the school year.
- Work 10 to 12 hours a week.
- Add valuable uOttawa job experience to your resumé.
- 1,700+ on-campus jobs.

uOttawa.ca/viewbook/work

HOUSE OF COMMONS PAGE PROGRAM

See Canadian politics up close by working as a page in the House of Commons. Every year, the program accepts the best and brightest students from across Canada.

- Earn over $16,000.
- In 2018, 34 of the 40 pages selected were first-year University of Ottawa students.
- Our main campus is just a 1 km walk from Parliament Hill.

uOttawa.ca/viewbook/page

Every year, more than 250 uOttawa undergraduate students receive a $1,000 scholarship to devote 75 hours to a research project as part of the Undergraduate Research Opportunity Program (UROP).

GET A TASTE FOR RESEARCH

No matter which faculty you're in, the Centre for Research Opportunities will help you gain research experience as early as your first year at uOttawa, a top 10 research-intensive university in Canada.

- Discover if you want to pursue further research as a graduate student.
- Receive up to $6,000 to do research placements in Canada or around the world.
- Popular options: The Undergraduate Research Opportunity Program (UROP) and the Mitacs Globalink Research Award.

uOttawa.ca/viewbook/research

In 2019, members of the uOttawa varsity women's basketball team, along with 10 social sciences students, helped build a sports complex in Anse-à-Veau, Haiti, in partnership with Basket Plus and the Haitian Sports Federation. In 2018, the team helped build a new basketball court in Togo, in Africa.

COMMUNITY ENGAGEMENT

Help others while helping yourself

Show future employers who you really are. Express your drive to change the world by putting what you learn in the classroom to good use as a volunteer. Our Michaëlle Jean Centre for Global and Community Engagement offers you a range of volunteer opportunities in Ottawa and around the world. You can even replace course assignments with professor-approved volunteer placements.

servingothers.uOttawa.ca

525 PARTNERS

EARN A CERTIFICATE
CONFIRMING YOUR VOLUNTEER EXPERIENCE

INTERNSHIPS, FIELD PLACEMENTS & PRACTICUMS

We offer many practical internships and field placements linked to courses to reinforce what you've learned in class and help you gain experience in a variety of work environments. We also offer practicums designed to give future teachers, nurses, dietitians and food scientists the practical experience they need to get ready for the workplace. You can get course units credited and valuable experience with these options!

While studying geography with a minor in environmental studies, Fabien went on five different field placements in the Outaouais, Gaspésie, Yukon and Alaska, Arizona and Iceland. His best moment was spending five days on a 3,000-metre high glacier near Mount Logan, Yukon.

EXPLORE THE WORLD

Start local: Meet people from all over the world on our multicultural campus.

Go global: Travel abroad as you earn credits towards your degree.

INTERNATIONAL EXCHANGES

As a global citizen, you want to see, experience and learn as much as you can about this inter-connected world. Going on an international exchange is a great way to add value to your program of studies and expand your horizon.

- Spend one or two terms studying at one of our 280+ partner universities in 50 countries.
- Pay the same uOttawa tuition while studying abroad.
- Make the most of pre-departure workshops and support during the exchange.
- Gain intercultural skills.

uOGlobal RECOGNITION

The world of work is increasingly global. Our uOGlobal recognition is a unique approach that builds and acknowledges global skills and the values of global citizenship.

- Take advantage of intercultural workshops, online modules and experiential activities.
- Earn three units (credits) and a certificate of completion when you satisfactorily complete the program.
- Set yourself apart in the eyes of employers.
- Be ready for an increasingly global workplace.

international.uOttawa.ca

MOBILITY SCHOLARSHIPS WORTH UP TO **$2,000***

* Not available to Common Law students.

50+ COUNTRIES TO DISCOVER

uOGLOBAL RECOGNITION ON YOUR OFFICAL TRANSCRIPT

UP TO **$10,000** IN POWER CORPORATION OF CANADA **uOGLOBAL SCHOLARSHIPS**

FRENCH IMMERSION

Keep up your French or become completely fluent through uOttawa's French Immersion Stream. Bilingual workers earn 10% more on average in Canada than English-only workers. Earnings for bilingual workers in Ontario and Montreal are up to 20% higher than for unilingual workers.[1]

- Receive an extra $1,000 per year for studying bilingually with the French Studies Bursary.
- Over 50 first-year courses offer special language classes to help you transition to university studies in French.
- Receive qualitative grades (pass/fail) for courses taught in French in your first two years, limiting the impact on your academic average (if you're enrolled in the faculties of Arts, Health Sciences or Social Sciences or in the Telfer School of Management).
- Write your assignments, lab reports and exams in your choice of French or English in nearly every course.
- Enjoy conversation workshops and a writing centre to help you improve your French skills, along with student mentors for advice and support.
- Earn a special mention on your diploma and a certificate confirming your second language skills.
- Benefit from a wider selection of courses and greater flexibility to design your schedule.
- Join the *Club d'immersion* and experience Francophone culture through social activities!

108 DEGREE PROGRAMS OFFERING FRENCH IMMERSION

immersion.uOttawa.ca

GET A **+10%** BOOST TO YOUR FUTURE EARNINGS BY BEING BILINGUAL[1]

OVER **2,000 STUDENTS** CURRENTLY ENROLLED IN FRENCH IMMERSION

A MINIMUM OF **35%** OF YOUR COURSES IN FRENCH

Source: 1 - Statistics Canada, 2016 Census Metropolitan Area Profile

OUTSTANDING ACADEMIC CARE AND SUPPORT TO HELP YOU SUCCEED

We've got your back. We offer a network of free services and programs to help you succeed with your studies. Dedicated professionals and fellow students who care about your well-being are always ready to provide advice and support. Before classes start, mentors from your region and our orientation program will help prepare you for the transition to university.

Academic support

- Learn from the experience of 220+ dedicated student mentors.
- Get together with classmates in 70+ study groups.
- Try workshops on time management, note-taking, exam preparation and more.
- Improve your academic writing skills with writing advisers.
- Receive academic accommodations and learning support if you're living with a disability.

Health and well-being

- Counselling and coaching to cope with challenges and be aware of your personal and academic potential.
- TAO (Therapy Assisted Online) tools to help you manage mental health, social life and self care.
- Pet therapy to keep you company and help you get through stressful or difficult times.
- uOttawa Health Services: On-campus medical and dental clinics and pharmacy.

sass.u0ttawa.ca

MASHKAWAZÌWOGAMIG
INDIGENOUS RESOURCE CENTRE DE RESSOURCES AUTOCHTONES

MASHKAWAZÌWOGAMIG Indigenous Resource Centre

Academic and cultural support for First Nations, Inuit and Métis students.

u0ttawa.ca/indigenous

MAKE RESIDENCE YOUR HOME

Living in residence means making friends, getting involved in activities in your community and having access to programs and resources such as community advisers, in-house counsellors, mentors and workshops.

11 RESIDENCES 4 DIFFERENT STYLES		TRADITIONAL	TRADITIONAL PLUS!		SUITE OR STUDIO		APARTMENT
		LeBlanc, Marchand, Stanton or Thompson	Henderson	Rideau	90 University	Friel	Hyman Soloway, Annex or Mann
Rooms	Single occupancy	✓	✓	–	✓	✓	✓
	Double occupancy	✓	–	✓	–	✓	–
Bathroom	Shared with roommates	–	✓	✓	✓	✓	✓
	Shared with floormates	✓	–	–	–	–	–
	Private	–	–	–	–	–	✓
Conveniences	Double bed(s)	–	✓	✓	✓	–	✓
	Air conditioning	–	✓	✓	✓	✓	✓
Location	Main campus	✓	✓	–	✓	–	✓
	Within 15 minutes walking distance of main campus	–	–	✓	–	✓	✓
Meals	In-unit kitchenette or complete kitchen	–	–	–	✓	✓	✓
	Community kitchen	✓	✓	✓	✓	✓	–
	5-day or 7-day mandatory meal plan	✓	–	–	✓	–	–
Contract specifications	Length (in months)	8	8	8	8	8	12
	Residence fees per person (2020-2021)+	$12,546 to $13,917*	$10,048	$8,624 to $10,545	$15,537*	$7,611 to $10,695	$11,649 to $20,198

Utilities include electricity, water, Wi-Fi.

* Meal plans are included in fees for residences where a plan is mandatory. Fees vary according to choice of 5-day ($5,426) or 7-day ($6,076) meal plan.

+ Fees can vary within the same residence according to room type.

For more information on applying for housing, visit **uOttawa.ca/housing**.

TRADITIONAL

TRADITIONAL PLUS!

SUITE OR STUDIO

APARTMENT

GUARANTEED HOUSING

FOR FIRST-YEAR STUDENTS*

PICK YOUR OWN ROOM AND BED ON THE

HOUSING PORTAL

LIVING LEARNING COMMUNITIES

DEDICATED SPACES FOR RESIDENTS WHO SHARE THE SAME INTEREST

CAMPUS SECURITY 24/7

SOCIAL ACTIVITIES

THEME NIGHTS, SPORTS TOURNAMENTS, LOCAL VOLUNTEERING, CONFERENCES

**To benefit from the housing guarantee for first-year students, you must be admitted to an undergraduate program starting in the Fall term and reserve your spot by paying a $700 deposit by June 1, 2021. This guarantee does not apply if you have already completed more than five university courses or the equivalent. Students from CEGEP or college admitted in second year can also benefit from the housing guarantee.*

FOOD, GLORIOUS FOOD!

Campus foodies have 22 yummy spots to choose from when picking a place to eat. Our award-winning 24/7 Dining Hall, one of only two of its kind in Canada, is a student favourite. The pasta bar is divine…

On the menu for you:

- Unlimited meal plans. Eat what you want, when you want.
- Affordable pay-at-the-door options for students who don't live on campus.
- Gluten-free, vegetarian, vegan and halal meals.
- Special diet station for people with allergies.
- Make your own snacks and meals at My Pantry, a self-assisted kitchen stocked with fresh ingredients.
- Registered dietitian available through our Healthy Lifestyles program.
- 300+ different dishes available per week.
- Tim Hortons, Starbucks, Thai Express, Bento Sushi and Première Moisson on campus as well!
- And don't miss our food truck and poutine festival!

Meal plan (8 months) prices	5-day plan – $5,426 7-day plan – $6,076

FAIRTRADE

CERTIFIED SUSTAINABLE SEAFOOD MSC www.msc.org

GREEN RESTAURANT CERTIFIED ★★★

foodservices.uOttawa.ca

SPORTS AND STUDENT EXPERIENCE

Fuel your body and nurture your mind. Join the Gee-Gees community and have fun with new friends. Cheer for our winning varsity and competitive teams or join an intramural league.

- Enjoy our Olympic-sized swimming pool, two skating rinks, FIFA 2-star outdoor playing field, gyms, dance studio and fitness centres.
- 120+ on-campus events.
- Student clubs of all kinds, covering academics, arts, culture, social justice, religion and just plain fun!

uOttawa

Our Gee-Gees name comes from the abbreviation of uOttawa's school colours, garnet and grey. A Gee-Gee is also the lead horse in a race.

geegees.ca

More than 850 student-athletes play every year on our competitive and varsity Gee-Gees teams. If you want to play for fun and meet new people, you can join one of our many on-campus recreational activities.

Alpine Skiing	● M, W	Martial Arts	● Co-ed
Badminton	● M, W	Multisports	● Co-ed
Baseball	● M	Nordic Skiing	● M, W
Basketball	● M, W ● M, W, Co-ed	Pickleball	● Co-ed
Cheerleading	● Co-ed	Ringette	● W
Dance	● Co-ed	Rowing	● M*,W*
Dodgeball	● Co-ed	Rugby	● M*,W
Equestrian	● M, W	Skating	● Co-ed
Fastball	● W	Soccer	● W ● M ● M, W, Co-ed
Fencing	● M,W	Squash	● Co-ed
Fitness and Strength Training (10+ programs)	● Co-ed	Swimming	● M,W
Flag Football	● Co-ed	Artistic Swimming	● Co-ed
Football	● M	Track & Field and Cross Country	● M,W
Golf	● M* ● W	Ultimate	● M, W ● Co-ed
Group Fitness (20+ programs)	● Co-ed	Volleyball	● W ● M ● Co-ed
Hockey	● M,W ● M, W, Co-ed	Water Polo	● M, W
Lacrosse	● M		

● Varsity ● Competitive ● Intramural ● Recreational

* These varsity clubs do not compete in an official U SPORTS national championship.

CHOOSE YOUR ACADEMIC PATH

The University of Ottawa offers 363 flexible undergraduate programs in English and French that let you create your academic path with made-to-measure degrees. Here are our tips to help you make the best choice.

1 Find a program that sparks your interest

Browse through each faculty's program descriptions, starting on page 22. Find a subject that you're passionate about and will lead to your dream job.

If you want to know more about job opportunities and required studies for employment by program, visit our helpful "What can I do with my studies?" web page:

u0ttawa.ca/viewbook/career.

2 Choose a program

For most programs, you have to choose a main discipline when you apply.

Depending on the discipline you choose, you'll be admitted to one of the following programs:

H Honours JH Joint Honours M Honours with major (with second discipline)	4 years
DD Double degree	5 or 6 years
B Bachelor's	3 or 4 years

3 Explore possible combinations

To better understand the various discipline combinations available for your academic path, see pages 18 to 21.

4 Consider CO-OP

89 undergraduate disciplines allow you to combine paid work placements with courses for an honours degree. To see what disciplines CO-OP is offered in, look for the CO-OP symbol.

5 Consider studying in French Immersion

Our French Immersion Stream allows students coming from English-language schools to include courses taught in French in their program and receive a mention of French immersion on their diploma. To see what disciplines it's offered in, look for the FI symbol.

6 Find out more

We would normally love to invite you to come visit us on campus but due to the ongoing situation surrounding COVID-19 we are not sure this will be possible. Instead, we have set up a range of virtual events designed to help you get to know us better. For students from North America, these include (dates to be determined):

Virtual open house for future students interested in Science, Technology, Engineering and Mathematics.

Virtual open house for future students interested in Humanities.

We also encourage you to visit **u0ttawa.ca/viewbook/events** for the latest updates about our Admission Events.

7 Seek advice if you still need it

If you have any questions about which program to choose, contact the Liaison Office at **liaison@u0ttawa.ca**.

HONOURS ACADEMIC PATHS

H HONOURS (4 YEARS) + ELECTIVES

HMn HONOURS + Mn MINOR ELECTIVES

HOpt HONOURS INCLUDING AN OPTION + ELECTIVES

JH JOINT HONOURS: TWO DISCIPLINES LEADING TO ONE DEGREE + ELECTIVES

HONOURS DEGREE | DOUBLE MAJOR | MAJOR AND MINOR (4 YEARS)

M MAJOR + M MAJOR + ELECTIVES

M MAJOR + Mn MINOR + ELECTIVES

DD DOUBLE DEGREE – INTEGRATED PATH LEADING TO TWO DEGREES (5 YEARS OR MORE)

HONOURS + HONOURS

BACHELOR'S ACADEMIC PATHS

BACHELOR'S (3 OR 4 YEARS)

B BACHELOR'S + ELECTIVES

BACHELOR'S WITH MINOR (3 OR 4 YEARS)

B BACHELOR'S + Mn MINOR + ELECTIVES

OTHER ACADEMIC PATHS

PROFESSIONAL STUDIES (2 YEARS OR MORE)
To be admitted for professional studies, you must have prior postsecondary studies.

P COMPULSORY, OPTIONAL AND ELECTIVE COURSES

CERTIFICATE (1 YEAR)
To be admitted to a certificate program, you might require professional or academic experience.

CER COMPULSORY, OPTIONAL AND ELECTIVE COURSES

MASTER'S (1 YEAR OR MORE)
To be admitted for graduate studies, you must have prior postsecondary studies.

MA MASTER'S

ELECTIVES

In your program, some courses are compulsory. Electives, on the other hand, are courses you are free to choose. They allow you to discover a new passion and to confirm your choice of program. You can choose your electives among hundreds of courses the University offers. For example, if you're enrolled in history, you can take geology or a course from one of our 18 language programs. The possibilities are endless. Take advantage of them!

OPTIONS

An option is a set of courses in a given field that complements your main program and allows you to choose a more specific direction in your studies. For example, if you are enrolled in environmental science, you can add an option in global change and gain specialized knowledge in this field. Options are offered in all direct-entry faculties.

ACADEMIC PATHS BY FACULTY

Faculties offering programs not requiring prior university studies

Legend

- H — Honours
- HOpt — Honours including an option
- HMn — Honours with minor
- JH — Joint honours
- M — Double major | Major and minor
- Mn — Minor
- DD — Double degree - Integrated path leading to two degrees
- B — Bachelor's
- P — Professional studies requiring prior postsecondary education
- Opt — Option
- CER — Certificate
- CO-OP — Co-operative education
- FI — French Immersion

FACULTY OF ARTS (BA)	See pages 22 to 29							
Acting (BFA)	H							
Animal Studies				Mn		Opt		
Applied Ethics				Mn				
Arabic Language and Culture				Mn				
Art History			M	Mn				FI
Arts in Interdisciplinary Studies (3 or 4 years)					B			
Asian Studies				Mn				
Celtic Studies (offered in English only)				Mn				
Communication	H	HMn	M	Mn			CO-OP	FI
Communication and Political Science	JH						CO-OP	FI
Communication and Sociology	JH						CO-OP	FI
Communication et lettres françaises (offered in French only)	JH						CO-OP	
Contemplative Studies and Well-being						Opt		
Creative Writing (offered in English only)				Mn	CER	Opt		
Digital Humanities				Mn		Opt		
Digital Journalism (joint program with Algonquin College)	H							
English (offered in English only)	H	HMn	M	Mn			CO-OP	
English as a Second Language (for non-Anglophones and offered in English only)			M					
English as a Second Language — basic or advanced (for non-Anglophones and offered in English only)				Mn				
Entrepreneurship, Creativity and Social Innovation						Opt		
Environmental Studies	H	HMn	M	Mn			CO-OP	FI
Ethics and Political Philosophy	H	HMn	M					
Études des francophonies (offered in French only)				Mn	CER			
French as a Second Language (offered in French only to non-Francophones)			M					
French as a Second Language — basic or advanced (offered in French only to non-Francophones)				Mn				
Geography	H	HMn	M	Mn			CO-OP	FI

FACULTY OF ARTS (BA)	See pages 22 to 29							
Geomatics						Opt		
Geomatics and Spatial Analysis				Mn				
German Language and Culture				Mn				
Greek and Roman Studies	H	HMn	M	Mn				FI
History	H	HMn	M	Mn			CO-OP	FI
History and Political Science	JH						CO-OP	FI
Indigenous Studies			M	Mn				FI
Italian Language and Culture				Mn				
Latin American Studies				Mn				
Lettres françaises (offered in French only)	H	HMn	M	Mn			CO-OP	
Lettres françaises (BA) et éducation (BEd) (offered in French only)					DD			
Linguistics	H	HMn	M	Mn				
Medieval and Renaissance Studies			M	Mn				FI
Music (BA)	H	HMn	M	Mn				FI
Music (BMus)	H							
Music (BMus) and Science (BSc)					DD			
Philosophy	H	HMn	M	Mn				FI
Philosophy and Political Science	JH							FI
Physical Geography and Geomatics			M				CO-OP	FI
Piano Pedagogy					CER			
Professional Editing (offered in English only)						Opt		
Professional Writing (offered in English only)				Mn	CER	Opt		
Psychology and Linguistics	JH							
Public Relations (joint program with Algonquin College)	H							
Rédaction professionnelle et édition (offered in French only)				Mn	CER			
Religious Studies	H	HMn	M	Mn				FI
Russian Language and Culture				Mn				
Second-Language Teaching (English or French)	H	HMn	M					FI
Spanish				Mn				
Theatre	H	HMn	M	Mn				FI
Traduction vers le français (offered in French only)				Mn				
Traduction anglais-français (offered online and in French only)					CER			
Translation - French-English - French-Spanish-English (apply in 3rd year)	H	HMn					CO-OP	
Translation into English (offered in English only)				Mn				
Urban Studies						Opt		
Visual Arts			M					FI
Visual Arts (BFA)	H	HMn						
Vered Jewish Canadian Studies						Opt		
World Languages and Cultures			M					

TELFER SCHOOL OF MANAGEMENT (BCom)

See pages 30 to 32

Accounting	H						CO-OP	FI
Business Analytics					Opt			
Business Technology Management	H						CO-OP	FI
Entrepreneurship					Opt			
Finance	H						CO-OP	FI
Healthcare Analytics	H						CO-OP	FI
Human Resource Management	H				CER		CO-OP	FI
International Management	H						CO-OP	FI
Management	H			Mn	CER		CO-OP	FI
Marketing	H						CO-OP	FI
Commerce (BCom) and Juris Doctor (JD) (JD courses offered in French only)					DD			FI

FACULTY OF SOCIAL SCIENCES (BSocSc)

See pages 33 to 38

African Studies					Opt			
Aging Studies				Mn				
Anthropology	H	HMn	M	Mn			CO-OP	FI
Anthropology and Sociology	JH						CO-OP	FI
Civil Law (LLL) and International Development and Globalization (BSocSc) (LLL section offered in French only)	See Faculty of Law - Civil Law							
Communication and Political Science	JH						CO-OP	FI
Communication and Sociology	JH						CO-OP	FI
Conflict Studies and Human Rights	H	HMn		Mn			CO-OP	FI
Criminology	H	HMn	M	Mn				FI
Criminology and Feminist and Gender Studies	JH							FI
Economics	H	HMn	M	Mn			CO-OP	FI
Economics and Political Science	JH						CO-OP	FI
Economics and Public Policy	H	HMn					CO-OP	FI
Environmental Economics and Public Policy	H						CO-OP	FI
Feminist and Gender Studies			M	Mn			CO-OP	FI
Feminist and Gender Studies and Political Science	JH						CO-OP	FI
Feminist and Gender Studies and Sociology	JH						CO-OP	FI
Global Studies				Mn				
History and Political Science	JH						CO-OP	FI
International Development and Globalization	H	HMn					CO-OP	FI
International Economics and Development	H	HMn					CO-OP	FI
International Studies and Modern Languages	H						CO-OP	FI
Mathematics and Economics	JH						CO-OP	FI
Philosophy and Political Science	JH							FI
Political Science	H	HMn	M	Mn			CO-OP	FI
Political Science (BSocSc) and Juris Doctor (JD) (JD courses offered in French only)					DD			FI
Psychology (BA)	H	HMn	M	Mn				FI
Psychology (BSc)	H							FI

FACULTY OF SOCIAL SCIENCES (BSocSc)

See pages 33 to 38

Psychology and Linguistics (BA)	See Faculty of Arts							
Public Administration	H	HMn	M	Mn			CO-OP	FI
Public Administration and Political Science	JH						CO-OP	FI
Social Sciences				B				
Social Sciences of Health				Mn				
Social Work (offered in French only)	H	HMn		Mn				
Sociology	H	HMn	M	Mn			CO-OP	FI

FACULTY OF ENGINEERING (BASc)

See pages 39 to 41

Biochemistry (BSc) and Chemical Engineering (BASc) (Biotechnology)	See Faculty of Science							
Biomedical Mechanical Engineering	H						CO-OP	
Biomedical Mechanical Engineering (BASc) and Computing Technology (BSc)					DD		CO-OP	
Chemical Engineering	H						CO-OP	
Chemical Engineering with option in Engineering Management and Entrepreneurship or Environmental Engineering	HOpt						CO-OP	
Chemical Engineering (BASc) and Computing Technology (BSc)					DD		CO-OP	
Civil Engineering	H						CO-OP	
Civil Engineering with option in Environmental and Water Resources, Structural and Geotechnical or Engineering Management and Entrepreneurship	HOpt						CO-OP	
Civil Engineering (BASc) and Computing Technology (BSc)					DD		CO-OP	
Computer Engineering	H						CO-OP	
Computer Engineering with option in Engineering Management and Entrepreneurship	HOpt						CO-OP	
Computer Science (BSc)	H	HMn	M	Mn			CO-OP	FI
Computer Science (BSc) with option in Management and Entrepreneurship or Data Science	HOpt						CO-OP	FI
Computer Science and Mathematics (BSc)	JH						CO-OP	FI
Computer Science for Scientists				Mn				
Data Science (Mathematics [BSc.] and Computer Science [BSc.])					DD		CO-OP	FI
Electrical Engineering	H						CO-OP	
Electrical Engineering with option in Engineering Management and Entrepreneurship	HOpt						CO-OP	
Electrical Engineering (BASc) and Computing Technology (BSc)					DD		CO-OP	
Electrical Engineering (BASc) and Computing Technology (BSc) with option in Engineering Management					DD		CO-OP	
Mechanical Engineering	H						CO-OP	
Mechanical Engineering with option in Engineering Management and Entrepreneurship	HOpt						CO-OP	
Mechanical Engineering (BASc) and Computing Technology (BSc)					DD		CO-OP	
Mechanical Engineering (BASc) and Computing Technology (BSc) with option in Engineering Management					DD		CO-OP	
Music (BMus) and Computer Science (BSc)	See Faculty of Arts							
Physics (BSc) and Electrical Engineering (BASc)	See Faculty of Science							
Software Engineering (CO-OP is mandatory)	H						CO-OP	FI
Software Engineering with option in Engineering Management and Entrepreneurship (CO-OP is mandatory)	HOpt						CO-OP	FI

FACULTY OF SCIENCE (BSc)	See pages 42 to 45						
Biochemistry	H	HMn	M	Mn	-	CO-OP	FI
Biochemistry with option in Chemical Biology, Microbiology and Immunology or Synthetic Biology	HOpt	HOptMn	-	-	-	CO-OP	FI
Biochemistry (BSc) and Chemical Engineering (BASc) (Biotechnology)	-	-	-	-	DD	CO-OP	FI
Biology	H	HMn	M	Mn	-	CO-OP	FI
Biology with option in Cellular/Molecular, Ecology/ Evolution/Behaviour or Physiology	HOpt	HOptMn	-	-	-	CO-OP	FI
Biology, with or without option, Research Focus	H	HOpt	-	-	-	-	FI
Biomedical Science (Admission to CO-OP in second year only)	H	HMn	-	-	-	CO-OP	FI
Biomedical Science with option in Bioanalytical Science, Biostatistics, Cellular and Molecular Medicine, Medicinal Chemistry or Neuroscience (Admission to CO-OP in second year only)	HOpt	-	-	-	-	CO-OP	FI
Biomedical Science, with or without option, Research Focus	H	HOpt	-	-	-	-	FI
Biopharmaceutical Science with option in Genomics or Medicinal Chemistry	HOpt	-	-	-	-	CO-OP	FI
Biophysics	-	-	-	Mn	-	-	-
Chemistry	H	HMn	M	Mn	-	CO-OP	FI
Chemistry with option in Advanced Materials or Ecochemistry	HOpt	HOptMn	-	-	-	CO-OP	FI
Computer Science and Mathematics	See Faculty of Engineering						
Data Science (Computer Science [BSc] and Mathematics [BSc])	See Faculty of Engineering						
Environmental Geoscience	H	HMn				CO-OP	FI
Environmental Science with option in Conservation and Biodiversity, Environmental Geochemistry and Ecotoxicology or Global Change	HOpt	-	-	-	-	CO-OP	FI
Financial Mathematics and Economics	H	-	-	-	-	CO-OP	FI
Geology	H	HMn	M	Mn	-	CO-OP	FI
Geology-Physics	H	HMn	-	-	-	CO-OP	FI
Life Sciences	-	-	M	Mn	-	-	-
Mathematics	H	HMn	M	Mn	-	CO-OP	FI
Mathematics and Economics	JH	-	-	-	-	CO-OP	FI
Music (BMus) and Science (BSc)	See Faculty of Arts						
Ophthalmic Medical Technology	H	-	-	-	-	-	-
Physics	H	HMn	M	Mn	-	CO-OP	FI
Physics with option in Biological Physics or Photonics	HOpt	HOptMn	-	-	-	CO-OP	FI
Physics (BSc) and Electrical Engineering (BASc)	-	-	-	-	DD	CO-OP	FI
Physics-Mathematics	H	HMn	-	-	-	CO-OP	FI
Scientific Entrepreneurship	-	-	-	-	Opt	-	-
Scientific Policy	-	-	-	-	Opt	-	-
Statistics	H	HMn	M	Mn	-	CO-OP	FI

FACULTY OF HEALTH SCIENCES	See pages 46 to 48						
Food and Nutrition Sciences (BFNSc) with option in Food Sciences	HOpt	-	-	-	-	-	-
Food and Nutrition Sciences (BFNSc) with option in Nutrition Sciences (offered in French only for bilingual students)	HOpt	-	-	-	-	-	-
Health Sciences (BHSc)	H	HMn	-	Mn	-	-	FI
Health Sciences (BHSc) with option in Population and Public Health or Integrative Health Biosciences or Technologies and Innovation in Healthcare	HOpt	HOptMn	-	-	-	-	FI
Human Kinetics (BScHK) Emphasis on biophysical sciences	H	HMn	-	-	-	-	FI
Human Kinetics (BScHK) Emphasis on biophysical sciences with option in Applied Studies in Kinesiology	HOpt	-	-	-	-	-	FI
Human Kinetics (BHK) Emphasis on social sciences	H	HMn	-	-	-	-	FI
Human Kinetics (BHK) Emphasis on social sciences with option in Intervention, Promotion & Community Programming or Management and Governance	HOpt	HOptMn	-	-	-	-	FI
Integrated Food Sciences (BIFS) in partnership with Le Cordon Bleu (offered in English only)	H	-	-	-		-	-
Nursing (BScN)	H	-	-	-	-	-	FI
Studies of Social Issues in Sport, Physical Activity and Leisure	-	-	-	Mn	-	-	-

ACADEMIC PATHS BY FACULTY

Faculties offering programs requiring prior postsecondary studies

FACULTY OF LAW – COMMON LAW (JD)	See page 50
Commerce (BCom) and Juris Doctor (JD) (offered in French only)	See the Telfer School of Management
Juris Doctor (JD)	P
Juris Doctor (JD) and Telfer School of Management Master in Business Administration (MBA)	P DD
Juris Doctor (JD) and Norman Paterson School of International Affairs Master of Arts (MA)	P DD
Juris Doctor (JD) and Michigan State University College of Law Juris Doctor (JD)	P DD
Juris Doctor (JD) and American University Washington College of Law Juris Doctor (JD)	P DD
National Program (JD) - One year (bilingual program with second language requirements)	P
Political Science (BSocSc) and Juris Doctor (JD) (offered in French only)	See the Faculty of Social Sciences
Programme de droit canadien (JD and LLL) (offered in French only)	P DD

FACULTY OF LAW – CIVIL LAW (LLL)	See page 51
Civil Law	Mn CER
Civil Law (LLL) (offered in French only)	P CO-OP
Civil Law (LLL) and International Development and Globalization (BSocSc) (LLL courses in French only)	P DD CO-OP
Civil Law (LLL) and Master in Business Administration (MBA) (LLL courses in French only)	P DD
National Program (LLL) - One year (offered in French only)	P
Programme de droit canadien (JD and LLL) (offered in French only)	See Faculty of Law - Common Law

FACULTY OF EDUCATION (BED)	See pages 52 and 53
Indigenous Teacher Education (offered in English only)	P CER
Teacher Education (offered in English only)	P
Second Language Teaching (ESL or FLS) (BA)	See Faculty of Arts
Formation à l'enseignement (offered in French only)	P
Formation à l'enseignement (mode alternatif, temps partiel) (offered in French only)	P
Lettres françaises (BA) *et éducation* (BEd) (offered in French only)	See Faculty of Arts

FACULTY OF MEDICINE	See pages 54 to 56
Undergraduate Medical Education (MD)	P
Translational and Molecular Medicine (BSc) (apply in 2nd year)	H FI
Combined MD/PhD program	P DD

Legend

- H Honours
- HOpt Honours including an option
- HMn Honours with minor
- HOptMn Honours with an option and minor
- JH Joint honours
- M Double major | Major and minor
- Mn Minor
- DD Double degree - Integrated path leading to two degrees
- B Bachelor's
- P Professional studies requiring prior postsecondary education
- CER Certificate
- Opt Option
- CO-OP Co-operative education
- FI French Immersion

GRADUATE STUDIES

Your uOttawa learning experience doesn't have to end when you graduate. You can specialize further and pursue a master's.

It's an excellent way to:

- Improve your starting salary and long-term earning potential
- Stand above the crowd in the job market
- Move more quickly into a leadership position
- Develop your research skills
- Boost your employability

The University of Ottawa recently introduced new master's programs that can be completed in 12 months! In all, we offer more than 180 master's, doctorates and graduate diplomas.

See a full list at **uOttawa.ca/viewbook/graduate**.

FACULTY OF **ARTS**

arts.uOttawa.ca

#4 FOR LINGUISTICS IN CANADA[1]

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$10 MILLION
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97%
STUDENT EXPERIENCE SATISFACTION RATE

Do you want your ideas to transform the world?

Join a vibrant community of students, artists, thinkers and doers committed to new ideas and to finding solutions to today's challenges. Our programs, closely integrated with the cultural, artistic, political and scientific communities of Canada's capital, will provide you with the knowledge, skills and creative spaces you need to understand the world and its peoples, cultures, languages and environments.

Shape your future by exploring current and historical cultures. Gain deep insights into the intersection of human and digital experience. Tap into your inner entrepreneur.

Sources:
1 - 2020 QS World University Rankings

ACTING

Are you interested in acting? The Bachelor of Fine Arts (BFA) in acting offers you complete professional training in an intensive three-year program (a four-year program curriculum in 36 months) focused on the practice of theatre. Voice, diction, movement, acting, career management, history of theatre, play and live performance analysis, participation in many theatrical productions — the Department of Theatre's BFA gives you the necessary tools and knowledge to take on the challenge of a career on the stage.

CAREER OPPORTUNITIES

- *Actor*
- *Voiceover artist*
- *TV program presenter*
- *Assistant director*

EXAMPLES OF COURSES

- *Introduction to the Practice of Theatre: Onstage*
- *Techniques: Body/Voice/Speech*
- *Acting*
- *Theatre History*

ART HISTORY

These programs give you a solid grounding in the history of international modern and contemporary art, curatorial and museum studies, and critical and theoretical discourses. An interdisciplinary approach allows you to examine perspectives drawn from aesthetics, philosophy, feminism and gender theories, postcolonial theories and theories of identity, globalization and new technologies.

CAREER OPPORTUNITIES

- *Art historian*
- *Museum educator*
- *Curator*
- *Gallery director*

EXAMPLES OF COURSES

- *Histories of Art*
- *19th Century Art: 1789-1900*
- *Curating for Contemporary Art*
- *Modern Art: 1900-1945*

ARTS IN INTERDISCIPLINARY STUDIES

Imagine a degree as individual as you. Learn a little about a lot or a lot about what you love with the most flexible Bachelor of Arts we've ever offered. Customize your studies to capture your own unique combination of interests within the Faculty of Arts or across campus. Do a three-year BA or a four-year BA — it's all good. Be creative. Be ambitious. Be your best self with the BA made just for you.

CAREER OPPORTUNITIES

- *Government program officer*
- *Project manager*
- *Social media specialist*
- *Arts and culture program officer*

EXAMPLES OF COURSES

- *Introduction to Community Engagement*
- *Creativity and Innovation*
- *Mindful Tech*
- *Introduction to Animal Studies*

COMMUNICATION CO-OP

Ours is the information age. Analyzing how information is gathered, produced and distributed helps you understand communication processes — both human and technological — that shape a variety of settings: social, cultural, political, organizational, economic and legal. Combining theory and practice, our programs are geared towards helping you develop critical and analytical skills, preparing you either for a career or for advanced studies. Courses cover the two major fields of communication: media studies and organizational communication.

CAREER OPPORTUNITIES

- *Communications officer*
- *Media relations officer*
- *Public relations officer*
- *Speechwriter*

EXAMPLES OF COURSES

- *Women and Media*
- *Storytelling, Narration and Organization*
- *Image and Communication*
- *Crisis Communication*

DIGITAL JOURNALISM

Journalism is currently undergoing a digital shift (driven by the Internet, mobile and tablet technology, data journalism, etc.), inspiring change in journalistic practice and forcing journalists to develop new skills, techniques and approaches. Today's journalists need to fill a diversity of roles, requiring not only a good understanding of emerging social trends, but also specialized expertise and knowledge. With this program, you will better understand the challenges related to journalism in the Digital Age, to help you enter the fast-changing media industry. The Department of Communication offers an Honours Bachelor in Digital Journalism jointly with Algonquin College (in English) and with La Cité (in French). Courses in the Department of Communication provide theoretical, analytical and critical foundations, while courses at the colleges focus on practical training.

CAREER OPPORTUNITIES

- *Journalist*
- *Media analyst*
- *Blogger*
- *Political analyst*

EXAMPLES OF COURSES

- *Journalism Ethics*
- *History of Journalism*
- *Journalism Practice: From Production to Reception*

ENGLISH CO-OP

Besides providing an excellent base for many careers, a degree in English literature can offer you unmatched intellectual challenges and rewards. The Department of English offers courses covering all major historical periods and national traditions of literature in English. It also offers courses in creative writing and literary theory, along with general interest courses in such topics as literature and film, children's literature, science fiction, graphic novels, and literature and the environment. An undergraduate English degree lays a foundation for graduate studies, and is an excellent preparation for professional degrees in law, business and education.

CAREER OPPORTUNITIES

- *Book editor*
- *Writer*
- *Content developer (web and social media)*
- *Digital copywriter*

EXAMPLES OF COURSES

- *Comic Books and Graphic Novels*
- *Tales of Mystery and Detection*
- *Elizabethan Shakespeare*
- *Writing for Digital Media*

ENGLISH AS A SECOND LANGUAGE (ESL)

The Official Languages and Bilingualism Institute (OLBI) offers three programs in English as a second language, each tailored to your needs, skill level and communication goals: a basic minor, an advanced minor and a major. For non-Anglophone students only, these programs are designed to improve and broaden your skills in your second language through an array of activities and instructional materials. Courses focus on the four essential language skills (reading, writing, listening, speaking) as well as on more specialized areas, such as grammar, vocabulary, pronunciation and culture.

CAREER OPPORTUNITIES

- *Heritage language program director*
- *Editorial consultant*
- *Education program planner*
- *Bilingual services coordinator*

EXAMPLES OF COURSES

- *English for Academic Purposes*
- *Building Your Word Bank: Vocabulary Enrichment in Context*
- *Effective Language Learning*

ENVIRONMENTAL STUDIES CO-OP

Environmental studies delve into some of the most significant issues of our day, such as anthropogenic climate change, northern resource development, urban pollution and threats to human health. You will learn how to use applied research tools and management principles in a variety of areas, such as environmental impact assessments and resource management.

CAREER OPPORTUNITIES

- *Environmental impact and sustainability consultant*
- *Urban planner*
- *Environmental policy analyst*
- *Environmental programs analyst*

EXAMPLES OF COURSES

- *Global Environmental Challenges*
- *History of Environmental Thought*
- *Human and Policy Dimensions of Environmental Change*

ETHICS AND POLITICAL PHILOSOPHY

Ethical questions are taking on increasing importance in our society and our lives. Think, for example, of advances in medicine, whose consequences can disrupt our notions of life and death, or of issues of confidentiality that arise from our use of the Internet. Through this multidisciplinary program, you will gain both theoretical and applied knowledge of ethics. You will be able to reflect on fundamental issues of political and moral philosophy, and better understand the basis and range of ethical questions in different areas (health, business, law, communication, criminology, social work, public affairs, etc.).

CAREER OPPORTUNITIES

- *Human rights officer*
- *Public administrator*
- *Ethics consultant*
- *Corporate social responsibilities officer*

EXAMPLES OF COURSES

- *Logic*
- *Ethics*
- *Political Philosophy*
- *Problems in Contemporary Ethics*

FRENCH AS A SECOND LANGUAGE (FLS)

The Official Languages and Bilingualism Institute (OLBI) offers three programs in French as a second language, each tailored to your needs, skill level and communication goals: a basic minor, an advanced minor and a major. These programs, for non-Francophone students, are designed to improve and broaden your skills in your second language through an array of activities and instructional materials. Courses focus on the four essential language skills (reading, writing, listening, speaking) and on more specialized areas, such as grammar, vocabulary, pronunciation and culture.

CAREER OPPORTUNITIES

- *Teacher*
- *Terminologist*
- *Official languages co-ordinator*
- *Heritage languages program director*

EXAMPLES OF COURSES

- *Lire et écrire en français langue seconde*
- *Mieux prononcer pour mieux communiquer en FLS*
- *FLS et l'art de s'exprimer*
- *Technologies, internet et médias sociaux en FLS*

GEOGRAPHY CO-OP

The department fully reflects the multidisciplinary nature of geography: we have professors who specialize in human geography (one of the social sciences) as well as professors who work in physical geography (one of the natural sciences). Human geography looks at how humans adapt to environmental change, how communities are organized and evolve, and what kinds of social relationships occur in urban spaces. Physical geography seeks to answer questions such as, Why are polar bear populations around Hudson's Bay declining? How do glaciers flow? When did sea levels start rising? and Why was it so hot this summer?

The Major in Physical Geography and Geomatics is a stepping stone to becoming a member of the Association of Professional Geoscientists of Ontario (APGO).

CAREER OPPORTUNITIES

- *Urban planner*
- *Geomarketing consultant*
- *Natural resource planner and analyst*
- *Geographic information systems (GIS) technologist*

EXAMPLES OF COURSES

- *Places and Spaces of Human Activity*
- *Places and Landscapes of the North American City*
- *Northern Field Research*
- *Biogeography*

GREEK AND ROMAN STUDIES

Unlock the secrets of the Greek and Roman civilizations and the origins of the Western world. Benefit not only from small classes and a close-knit student community but also from the department's library and even an on-campus museum. Volunteer in the museum to gain firsthand experience working with artifacts from the classical world. Apart from the six units in Latin required for an honours or a major in Greek and Roman Studies, Greek and Latin language courses are optional. Note, however, that Greek and Latin courses are mandatory for admission to the master's program.

CAREER OPPORTUNITIES

- *Museum conservator*
- *Archeologist*
- *Historical video game scriptwriter*
- *Archivist*

EXAMPLES OF COURSES

- *The Beginnings of Greek Civilization*
- *Introduction to Classical Archaeology*
- *Greek Mythology*

HISTORY CO-OP

We will provide you with solid and transferable skills while enabling you to pursue your passion for history. Our very flexible course offerings are structured around two complementary components: understanding the history of past societies and practising the historian's craft. Starting in first year, you will practise history by using historical documents of all kinds: texts from past centuries, monuments, paintings, films, unusual or symbolic objects and digital documentation. You will develop critical, analytical, research and writing skills sought after by employer.

CAREER OPPORTUNITIES

- *Historian*
- *History teacher*
- *Heritage interpreter*
- *Documentary filmmaker*

EXAMPLES OF COURSES

- *The Historian's Craft*
- *The African Past*
- *Southeast Asian Civilizations to the 18th Century*
- *The Making of the Digital Age*

INDIGENOUS STUDIES

Designed for both Indigenous and non-Indigenous students, these programs acquaint you with the history, philosophy, spirituality, culture, art and current life of Indigenous peoples in Canada, elsewhere in North America and around the world.

CAREER OPPORTUNITIES

- *Community educator*
- *Indigenous issues coordinator*
- *Policy adviser*
- *Advocacy community-government relations*

EXAMPLES OF COURSES

- *Introduction to Indigenous Societies and Cultures*
- *Colonialism and Indigenous Peoples*
- *Indigenous Spiritualities in the Americas*

LETTRES FRANÇAISES CO-OP

Our programs in *lettres françaises* offer a complete, diverse and thorough education. You will study literature from France, Quebec, French-speaking Ontario and other communities of the French-speaking world in order to expand your understanding of cultural diversity and sharpen your critical thinking skills. You will master the French language and, in particular, written French. Workshops led by writers-in-residence and professor-authors help you improve your own writing and enhance your creativity.

CAREER OPPORTUNITIES

- *Screenwriter*
- *Cultural journalist*
- *Publication editor*
- *Copywriter*

EXAMPLES OF COURSES

- *Les genres autobiographiques*
- *Le surréalisme*
- *Le théâtre français contemporain*
- *La poésie moderne*

LETTRES FRANÇAISES ET ÉDUCATION

The integrated *Lettres françaises et éducation* program leads to two concurrent undergraduate degrees, bringing together learning in French and education. Gain a solid foundation in French language and literature while studying concepts in education. Your experience in the classroom allows you to quickly make connections between theory and practice.

Theatre student Amélie performs in her production Le chant du dire. Photo: Marianne Duval.

CAREER OPPORTUNITIES

- *Elementary or secondary school teacher*
- *Academic adviser*
- *Educational program planner*
- *School board administrator*

EXAMPLES OF COURSES

- *La littérature pour la jeunesse*
- *Littérature française : des origines au XVIIIe siècle*
- *Le romantisme*
- *Histoire de la langue française*

LINGUISTICS

Where does language come from? How does language work? Advances in research and new technologies are revolutionizing the way we answer these questions. In our leading-edge equipment and research labs, you will analyze spoken sounds, track eye movement and brain activity during language processing and explore language variation and other theoretical and empirical aspects of language. Our program can serve as an entry point to a master's in either speech language pathology or audiology.

CAREER OPPORTUNITIES

- *Linguist*
- *Audiologist*
- *Speech language pathologist*
- *Computational linguist*

EXAMPLES OF COURSES

- *Introduction to Linguistics: The Sounds of Language*
- *Second Language Acquisition*
- *Indigenous Language*
- *Neurolinguistics*

MEDIEVAL AND RENAISSANCE STUDIES

The period known as the European Middle Ages has endowed the Western world with a rich heritage. Our vision of the world has its origins in the Long Medieval period, so studying this era, which starts at the end of antiquity and reaches modern times, introduces you to our past in all its dimensions: linguistic, cultural, historical, political, philosophical and religious. These multidisciplinary programs include courses in history, philosophy, music, theatre, and English, French, Italian and Latin literature.

CAREER OPPORTUNITIES

- *Heritage officer*
- *Archivist*
- *Historian*
- *Historical interpreter*

EXAMPLES OF COURSES

- *Latin*
- *Introduction to Medieval and Renaissance Civilization*
- *Latin Authors*
- *Traditions of King Arthur*

MUSIC

Our School of Music is one of the country's leading music schools. Whether you want to perfect your instrumental skills with a Bachelor of Music (BMus) or pursue a deeper knowledge of music with a BA in Music, it is the ideal place to nurture your passion for all things musical and to pursue the rigorous training needed for an active and successful career in the field. We maintain close ties with renowned institutions such as the National Arts Centre and the Ottawa Symphony Orchestra. You will have access to our state-of-the-art music facilities and internationally recognized professors, who perform around the globe and publish in leading academic journals. We are a full-service music school offering programs in performance, composition, music education, piano pedagogy, theory and musicology.

CAREER OPPORTUNITIES

- *Musician or performer*
- *Music critic or journalist*
- *Teacher (in a private studio or school)*
- *Music copyright specialist*

EXAMPLES OF COURSES

- *Applied Music*
- *The Sound of Rock*
- *Theory and Analysis*
- *Music in the Movies*

MUSIC AND SCIENCE

Do you love music and science? Would you like to develop your musical abilities to their full potential while doing advanced studies in science? Now you can, thanks to this double degree offered jointly by the University of Ottawa's faculties of Arts, Science and Engineering. Gain in-depth knowledge and pursue rigorous training in music and science. You can also combine music with biochemistry, biology, chemistry, computer science, life sciences, geology, mathematics, physics or statistics.

CAREER OPPORTUNITIES

Music
Musician, performer, teacher (in a private studio or in a school)

Science
Careers in biology, biochemistry, chemistry, computer science, geology, life sciences, mathematics, physics or statistics, depending on which program you choose

EXAMPLES OF COURSES

- *Music and Critical Thought*
- *Sight-Singing and Dictation*
- *Genetics*
- *Forms and Styles I: Middle Ages and Renaissance*

PHILOSOPHY

Since it deals mainly with issues that have no simple solutions, philosophy emphasizes the exchange of ideas and debate, and thus cultivates an appetite for deep and serious reflection. By reading and discussing the works of the world's great thinkers on topics like truth, justice, morality and existence, you sharpen your ability to think clearly, critically and independently. The department's curriculum has a twin approach, historical and analytical, and covers political and social philosophy, ethics and logic, as well as the philosophies of science, language and the mind.

CAREER OPPORTUNITIES

- *Human rights oficer*
- *Social policy consultant*
- *Ethics consultant*
- *Teacher*

EXAMPLES OF COURSES

- *Fundamental Philosophical Questions*
- *Modern Philosophy*
- *Existentialism*
- *Bioethics*

PHYSICAL GEOGRAPHY AND GEOMATICS

This immersive program combines classroom instruction on the fundamentals of physical geography, geomatics and natural sciences with laboratory activities and outdoor field courses. You will study natural systems from the highest layer of the atmosphere to below the Earth's surface and make observations and measurements using scientific equipment. You will polish your analytical and problem-solving skills by mastering state-of-the-art data analysis and mapping technologies, using satellite and drone data. This program teaches skills that are in high demand, preparing you to use the latest tools to understand significant issues such as climate change, Arctic development and biodiversity.

CAREER OPPORTUNITIES

- *Sea ice forecaster*
- *Water quality monitoring agent*
- *Research scientist*
- *Permafrost monitoring agent*

EXAMPLES OF COURSES

- *The Physical Environment*
- *Introduction to Geomatics*
- *Introduction to Computing I*
- *Climatology*

PUBLIC RELATIONS

Public relations is an everyday part of politics, business, non-governmental organizations (NGOs) and the entertainment industry. This program, offered in collaboration with Algonquin College (in English) and La Cité (in French), provides a theoretical, analytical and practical education that prepares you for a wide variety of functions, such as developing communication plans, strategies and materials; organizing events; producing visual and online materials; and managing crises.

CAREER OPPORTUNITIES

- *Public relations officer*
- *Media relations officer*
- *Emergency management director*
- *Spokesperson*

EXAMPLES OF COURSES

- *Negotiation and Mediation*
- *Public Opinion*
- *Social Uses of New Media*

Visual Arts technicians at work in the CoFab Arts Makerspace, where students can use 3D printers to create sculptures.

RELIGIOUS STUDIES

Our multidisciplinary religious studies programs allow you to look at all the world's religions throughout history to better understand the world in which we live today. The programs combine history, sociology, psychology and anthropology. The result is a rich mix of perspectives on an array of topics: world religions (Hinduism, Buddhism, Islam and Judaism), mysticism, Amerindian religions, mythology of First Nations in Canada, religions in colonial America, ecology, sexuality, contemporary spiritual movements, globalization and multiculturalism.

CAREER OPPORTUNITIES

- *Historian*
- *Immigation officer*
- *Spiritual and ethical counsellor*
- *International development officer*

EXAMPLES OF COURSES

- *Buddhism*
- *Atheism: A History of Doubt*
- *Witchcraft, Magic and Occult Traditions*
- *Sainthood and Heresy*

SECOND-LANGUAGE TEACHING

These multidisciplinary undergraduate programs are the only ones of their kind in Canada. Courses cover theories of language acquisition, as well as second language learning and teaching, and explore the relationships between language, culture and society. What's more, when you graduate, if you want to work as a second language teacher and you meet the admission requirements of the Faculty of Education, a limited number of places are reserved for you in the Teacher Education (BEd) program. Several graduate program options are also available.

CAREER OPPORTUNITIES

- *English or French as a second language teacher*
- *Second-language monitor or tutor*
- *Cultural or international adaption specialist*
- *Pedagogical material developer*

EXAMPLES OF COURSES

- *Curriculum and Teaching Materials in Second Language Education*
- *Educational Technology and Second Language Teaching*
- *Phonetics Applied to Second Language Teaching*
- *Language Education in a Multicultural and Minority Setting: From Theory to Practice*

THEATRE

Welcome to centre stage! From practice to theory, from performance to reception, the Department of Theatre offers training in most aspects of theatrical production and analysis and prepares you for a career of creative expression and intellectual stimulation. We teach acting, directing, playwriting, arts administration, dramaturgy, theatre history, production, technical theatre and design, and theory and aesthetics. When it comes to practice, opportunities abound: the department produces up to 25 original productions a season.

CAREER OPPORTUNITIES

- *Director*
- *Theater administrator*
- *Stage manager*
- *Theatre or drama teacher*

EXAMPLES OF COURSES

- *Principles of Play Analysis*
- *The Theatrical Event*
- *Stage Management*
- *Theatre Production*

TRANSLATION CO-OP

The School of Translation and Interpretation and its teaching staff are internationally recognized for excellence in both teaching and research. The curriculum includes practical and theoretical seminars and courses in writing, editing, terminology and computer-assisted translation, providing you with comprehensive professional training in general, specialized and technical translation. In the honours, you have the option of a trilingual (English-French-Spanish) program or combining academic studies with paid workplace experience through the CO-OP program. With a degree from the school, you will easily meet the demands of professional translator associations, leading to well-paid positions in the language industry.

New: Online certificate in Traduction anglais-français.

CAREER OPPORTUNITIES

- *Translator*
- *Editor*
- *Terminologist*
- *Language adviser*

EXAMPLES OF COURSES

- *Problems in English (L1) for Translators*
- *Post-Editing and Technical Writing for Translators*
- *External Practicum*

VISUAL ARTS

Our programs take you on an exploration of the visual arts, with a special emphasis on contemporary creation. Both include compulsory practical and theoretical courses that encourage creation and reflection. The department provides photography and media art labs, as well as painting, drawing and sculpture studios. Our location in the heart of Ottawa gives you access to a wealth of artistic venues, such as the National Gallery and the Ottawa Art Gallery. In addition, you train under the guidance of nationally and internationally recognized artists, curators, art historians and theorists. While maintaining its focus on traditional disciplines (drawing, painting, sculpture and photography), the department also helps you discover the use of new media and technologies in the visual arts.

CAREER OPPORTUNITIES

- *Professional artist*
- *Graphic artist or illustrator*
- *Art teacher*
- *Curator*

EXAMPLES OF COURSES

- *The Painting Field*
- *The Photograph and Visual Culture*
- *19th Century Art: 1789–1900*
- *Inuit and Amerindian Art*

WORLD LANGUAGES AND CULTURES

Become a global citizen! The Major in World Languages and Cultures has been designed to meet the realities of our interconnected, globalized world. Along with enhancing your language abilities and cross-cultural knowledge, you will develop strong communication and research skills — essential in today's workplace. This flexible program offers language and cultural courses in a wide variety of languages, along with experience-based learning opportunities, such as internships with international institutions and cultural communities in the National Capital Region and international exchanges. Experience the world, while gaining lasting skills.

Choose from one of eight language profiles — Arabic, Asian Studies (Chinese and/or Japanese), Celtic Studies, German, Italian, Latin American Studies, Russian or Spanish, or a combination of these and other languages (such as Polish or Portuguese).

CAREER OPPORTUNITIES

- *International business*
- *International creative industries such as film, video gaming or advertising*
- *Government or NGO work in international relations, trade, development or global health*
- *Public or private sector work in multicultural relations and immigration*

EXAMPLES OF COURSES

- *Identities, Ideas and Ideologies across World Cultures*
- *Spanish and Latin American Cinema*
- *Pop Culture in the Arab World*
- *Introduction to Japanese Culture*

Communication student Chantelle did a CO-OP internship at the startup APP8 in the Byward Market in Ottawa.

FACULTY OF ARTS — MINORS (30 UNITS), CERTIFICATES (30 UNITS) AND OPTIONS (9 TO 18 UNITS)

The disciplines on the following pages can be added to your main discipline only once you have enrolled.

ANIMAL STUDIES — MINOR AND OPTION

Explore this emerging field, and its historical and philosophical scope. Investigate relations between human and non-human animals, the representation of those relations, such as in the arts and literature, and their ethical, social, political and environmental implications. You will cover subjects such as the role of companion animals, animals and scientific advances, advocacy and animals, and human and non-human animal relations, from an arts, humanities, social sciences and science perspective.

APPLIED ETHICS — MINOR

Ethical issues are taking on a greater importance in society and in our lives. Think, for example, of the questions raised by medical advances that challenge our concepts of life and death or the privacy issues created by the growing use of the internet. This multidisciplinary program in ethics is theoretical as well as applied. You reflect on fundamental issues in moral and political philosophy and come to understand ethical issues in health care, business, law, communication, criminology, social work, public affairs and other areas.

ARABIC LANGUAGE AND CULTURE — MINOR

Spoken daily by over 400 million people worldwide, Arabic is one of the world's major languages. The courses in Arabic language and culture provide you not only with a good knowledge of the language itself, but also with an invaluable perspective into Arabic culture, history, literature, philosophy, religion and society.

ASIAN STUDIES — MINOR

Chinese languages, with more than 1.3 billion speakers, represent the world's largest linguistic community, while Japanese is the language of one of the world's largest economies. Courses are designed to give you a comprehensive understanding of Asia's multi-faceted role in the contemporary world and of its historical and cultural transformations.

CELTIC STUDIES — MINOR

Here is your chance to discover Celtic culture, from antiquity to the present. Courses in Celtic studies will allow you to explore the full range of subjects associated with this discipline, starting with modern Celtic languages (Irish, Scottish Gaelic, Welsh and Breton).

CONTEMPLATIVE STUDIES AND WELL-BEING — OPTION

Meditation? Yes, and so much more. This emerging field of study blurs the lines between science and the humanities. You will gain a critical view on the methods used across time and cultures to concentrate, broaden and deepen mindfulness. Learn about the development of empathy, health and well-being from a variety of perspectives in arts, humanities, social sciences and science through theory and practice.

CREATIVE WRITING — MINOR, CERTIFICATE AND OPTION

Do you have a way with words and a powerful imagination? Join one of the more rigorous and comprehensive creative writing programs of its kind. Guided by accomplished experts, you will develop practical abilities in at least three creative writing genres and styles (from prose fiction, poetry, screen and stage writing, graphic fiction and comics, and creative non-fiction), while acquiring a critical understanding of key concepts and an historical awareness of methodologies, techniques and approaches to literary expression, giving you the ability to create, edit and revise.

DIGITAL HUMANITIES — MINOR AND OPTION

The digital humanities explore enduring questions about culture, using digital tools creatively and critically to gather, mine, organize, visualize and disseminate information. Digital humanists work across all areas in the arts and humanities. Projects can include large-scale data mining of historical census data, exploring work on computational linguistics and computer-assisted language learning, or mapping patterns of sound and image in contemporary music videos or theatrical performances. The Minor in Digital Humanities can be combined with most programs.

ENTREPRENEURSHIP, CREATIVITY AND SOCIAL INNOVATION — OPTION

The Entrepreneurship, Creativity and Social Innovation option was thoughtfully crafted to cater to our makers, shakers and risk-takers! Do you have a curious mind and an entrepreneurial spirit? Turn your creative aspirations into tangible realities and embark on your business journey! Our proposed sequence will deliver a balance between theory and practice through meaningful learning opportunities, coupled with valuable resources and support for you as a future entrepreneur. You will learn ways in which creativity and entrepreneurship can be blended together to create exciting opportunities. This option's fixed progression has been carefully tailored and can be integrated in all BA and BSc programs of the Faculty of Arts for those looking to turn their passion into purpose to shape their future and our community.

GEOMATICS AND SPATIAL ANALYSIS — MINOR GEOMATICS — OPTION

Geomatics is a rapidly expanding branch of geography, with concrete applications in areas such as health care planning, epidemiology, criminology, defence and security, disaster management, environmental and resource monitoring, and urban planning. From producing more efficient transit schedules to mapping disease outbreaks or assessing the seismic or health risks associated with our built environments, geomatics plays an essential role.

GERMAN LANGUAGE AND CULTURE — MINOR

If you truly want to broaden your horizons in the 21st century, learning German will give you the edge you need. Our courses not only allow you to acquaint yourself with contemporary German, but also give you insights into the cultural and political history of German-speaking countries, and into German cinema and literature.

ITALIAN LANGUAGE AND CULTURE — MINOR

The *Bel Paese* has it all: art, fashion, fast cars, Dante, dolce vita, cinema, popes! Enrol in these courses to learn about Italian language and culture from the Middle Ages to the present, including North America's fascinating Italian heritage.

LATIN AMERICAN STUDIES — MINOR

Courses in Latin American Studies provide a comprehensive understanding of the cultures, histories, languages and societies of a region that has roughly 500 million people, as well as close and growing ties to Canada.

PROFESSIONAL EDITING — OPTION

The Professional Editing Option is an interdisciplinary program in editing for business, science and the arts. Offered by the Department of English, it provides students with knowledge and skills much in demand in government, business, social services and community organizations. Take courses on topics such as technical writing and editing, policy writing, advanced grammar and organizational communication.

PROFESSIONAL WRITING — MINOR, CERTIFICATE AND OPTION

Good writers are always in demand in a variety of sectors. If you are considering making writing a career or you would like to include writing expertise on your resumé, then the Minor in Professional Writing is for you. Courses include Writing for Digital Media, Creative Non-Fiction, Writing for the Arts, and Technical Writing, as well as a series of cross-listed courses in communications, journalism and philosophy.

RÉDACTION PROFESSIONNELLE ET ÉDITION — MINOR AND CERTIFICATE

The *Rédaction professionnelle et édition* program prepares students for careers requiring a mastery of French writing and communication techniques. This specialized training combines theoretical knowledge and practical experience with methods used in many work settings. The minor provides specialized training to assist students with writing and publishing responsibilities in their main field.

RUSSIAN LANGUAGE AND CULTURE — MINOR

Spoken in Russia and throughout the former Soviet Union, Russian is among the world's most widely used languages, right up there with Chinese, English and Spanish. The achievements of Russian writers and artists in ballet, cinema, theatre and painting are internationally recognized. Since the fall of communism, Russian life and the Russian economy have gained new vigour.

SPANISH — MINOR

Spanish is spoken by over 400 million people around the globe, and 21 countries list it as an official language. As a student in Spanish courses, you will learn the language and study Hispanic cultures, cinema, literatures and linguistics. You will gain a broader perspective on Hispanic America and Spain, and learn about the importance of Spanish as an international language.

URBAN STUDIES — OPTION

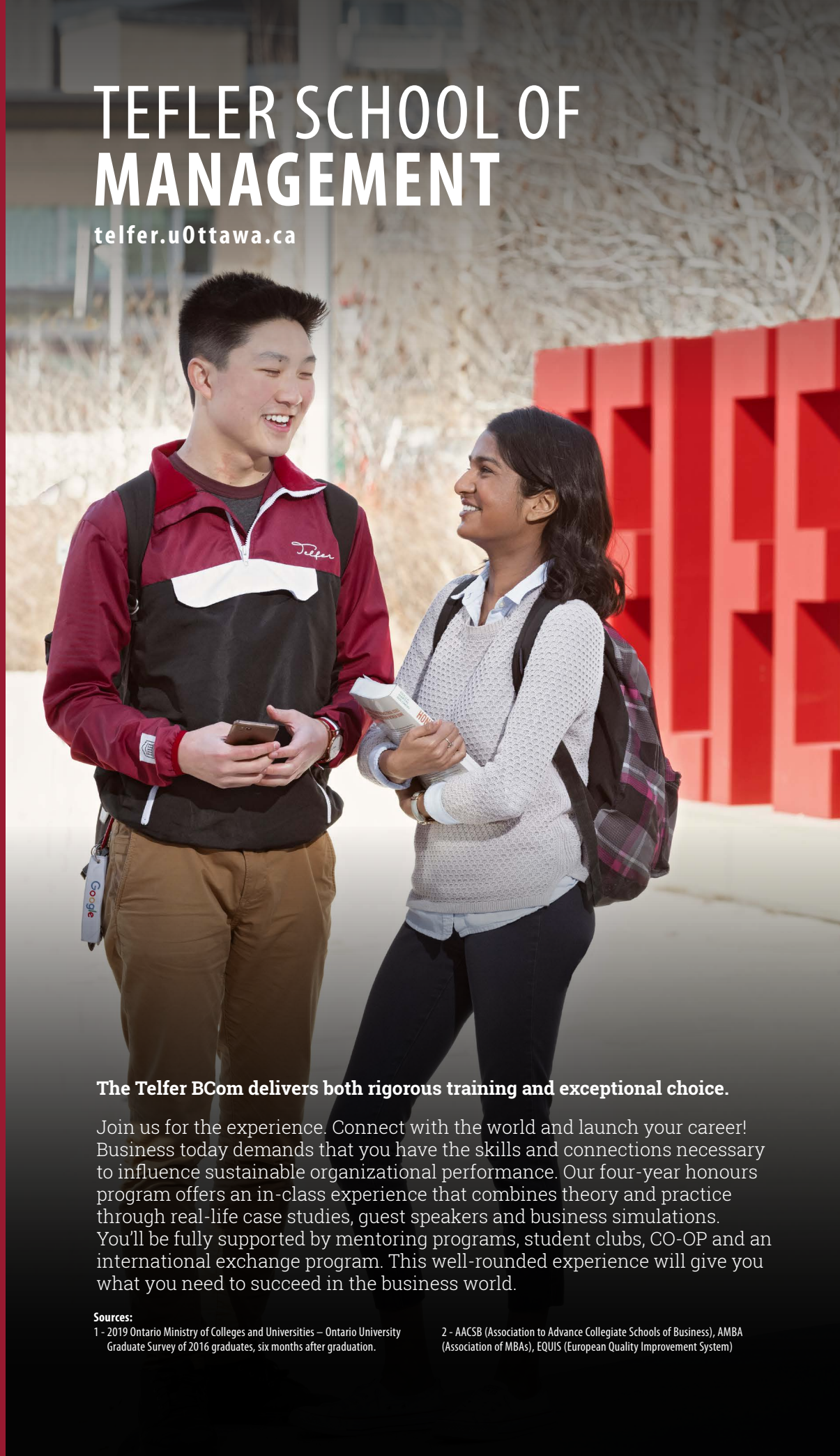
With almost 60% of the world's population living in cities, the concept of "the city" has become an attractive, challenging topic. Cities are key to meeting current global climate change and human rights challenges, as recognized by the UN's Sustainable Development Goals. Given that the city is a complex system requiring insight from multiple fields of study, we offer you the opportunity to study cities through a range of perspectives and spatiotemporal scales. Professors have a variety of connections, from global organizations to local communities, to help you build your network.

VERED JEWISH CANADIAN STUDIES — OPTION

Study different aspects of the Jewish experience in a Canadian context, including history, language, literature and the arts. You can examine the major Jewish communities in Canada's cultural mosaic and learn about the significant contribution of Jews to Canada's growing diversity. You can also study the Yiddish language and culture, a core part of Jewish Canadian heritage. These courses include both classroom study and enrichment activities such as special events, guest speakers and field trips.

TEFLER SCHOOL OF MANAGEMENT

telfer.u0ttawa.ca



220+ NETWORKING OPPORTUNITIES VIA OUR CAREER CENTRE

95% EMPLOYMENT RATE[1]

60 INTERNATIONAL EXCHANGE PARTNERS

97% CO-OP PLACEMENT RATE

TRIPLE CROWN OF INTERNATIONAL ACCREDITATIONS[2]

The Telfer BCom delivers both rigorous training and exceptional choice.

Join us for the experience. Connect with the world and launch your career! Business today demands that you have the skills and connections necessary to influence sustainable organizational performance. Our four-year honours program offers an in-class experience that combines theory and practice through real-life case studies, guest speakers and business simulations. You'll be fully supported by mentoring programs, student clubs, CO-OP and an international exchange program. This well-rounded experience will give you what you need to succeed in the business world.

Sources:

1 - 2019 Ontario Ministry of Colleges and Universities – Ontario University Graduate Survey of 2016 graduates, six months after graduation.

2 - AACSB (Association to Advance Collegiate Schools of Business), AMBA (Association of MBAs), EQUIS (European Quality Improvement System)

ACCOUNTING CO-OP

The Accounting option allows students to build a solid foundation in financial and managerial accounting, auditing and taxation. You learn to produce accurate financial statements as well as cover increasingly complex topics in accounting. As part of this program, you can take all the courses required to apply for Ontario's Certified Professional Accountant (CPA) designation, or be flexible and take a more general accounting stream.

CAREER OPPORTUNITIES

- *Accountant (CPA)*
- *Auditor*
- *Tax specialist*
- *Director of finance*

EXAMPLES OF COURSES

- *Case Studies in Accounting*
- *Taxation*
- *Management Control Systems*
- *Advanced Auditing*

BUSINESS TECHNOLOGY MANAGEMENT CO-OP

The option in Business Technology Management is a bridge between business and information technology (IT). It will provide you with an understanding of how to use IT to support, streamline and improve organizational processes. It will also enable you to develop core competencies and skill sets in information systems and analytics, and introduce you to strategic issues in technology management and best practices for planning, designing and implementing IT solutions to enhance organizational performance.

CAREER OPPORTUNITIES

- *Business systems manager*
- *Software developer or tester*
- *Information and process analyst*
- *Chief information officer*

EXAMPLES OF COURSES

- *Business Simulation Analytics*
- *Business Data Mining*
- *Management and Implementation of Web Technologies in Organizations*
- *Digital Enterprise Systems and Strategies*

COMMERCE AND JURIS DOCTOR

This program, offered in French only, combines the study of commerce and common law, allowing those interested in management and future legal professionals to understand thoroughly the issues and analysis involved in these two complementary disciplines. The program allows you to complete the requirements of both programs in six years, equipping you with two separate degrees: a Bachelor of Commerce (with possible "French Immersion" mention for non-Francophone students) and a Juris Doctor (JD). These degrees allow graduates to write provincial bar exams and practise law anywhere in Canada (except in Quebec).

CAREER OPPORTUNITIES

- *Entrepreneur*
- *Lawyer (private practice, government, non-government organization)*
- *Lobbyist*

EXAMPLES OF COURSES

- *Les Contrats*
- *Droit constitutionnel*
- *Droit penal*
- *Droits des biens*

FINANCE CO-OP

This program is designed to equip you with the necessary financial tools for a career in corporate finance or investment. Topics such as financial management theory and practice, financial instruments and modern valuation techniques are covered. You can extend your financial knowledge by focusing on derivative markets and specialized topics in corporate and international finance.

CAREER OPPORTUNITIES

- *Portfolio or securities analyst*
- *Financial adviser*
- *Account manager*
- *Investment banking analyst*

EXAMPLES OF COURSES

- *Alternative Investments and Risk Management*
- *Options and Futures*
- *Portfolio Management*
- *Equity Valuation*

HEALTHCARE ANALYTICS CO-OP

Our option in Healthcare Analytics is built on the crucial role that data, systems engineering, management, and organizational innovation play in improving the quality and timeliness of service delivery in a high performing healthcare system. This field fills a need to develop expertise to create the research and training capabilities required for transforming healthcare into a system that adheres to the principles of patient-centered care and participatory medicine.

CAREER OPPORTUNITIES

- *Analytics or Technical Consultant*
- *Systems or Data Analyst*
- *Change Manager*

EXAMPLES OF COURSES

- *Healthcare Informatics for Managers*
- *Epidemiology*
- *Introduction to health economics*
- *Business Forecasting Analytics*

HUMAN RESOURCE MANAGEMENT CO-OP

The Human Resource Management (HRM) option provides you with comprehensive knowledge of how to manage individuals and teams for organizational success. From recruiting and selecting employees to compensating, training and retaining them, you will learn how to maximize both human effectiveness and wellbeing. Courses are accredited by the Human Resources Professionals Association of Ontario (HRPAO), leaving graduates of this program well positioned to earn the Certified Human Resources Professional (CHRP) designation and succeed in the competitive HR labour market.

CAREER OPPORTUNITIES

- *Staffing officer*
- *Labour relations adviser*
- *Learning and development adviser*
- *Occupational health and safety manager*

EXAMPLES OF COURSES

- *Industrial Relations*
- *Occupational Health and Safety*
- *International Training and Development for Sustainability*
- *Strategic Human Resource Planning*

INTERNATIONAL MANAGEMENT CO-OP

The International Management option helps you gain an understanding of opportunities in international business and develop strategic decision-making skills to deal with them. Topics include the global business environment and the development and implementation of policies and strategies by multinational corporations and organizations. As part of this option, you must complete at least one study term abroad at one of our international partner institutions.

CAREER OPPORTUNITIES

- *Staffing officer*
- *Labour relations adviser*
- *Learning and development adviser*
- *Occupational health and safety manager*

EXAMPLES OF COURSES

- *The Global Context of Business*
- *Strategic Management in Developing and Emerging Economies*
- *Multinational Business Finance*
- *Cross-Cultural Management*

Many learning experiences at Telfer take place outside lecture halls. The Financial Research and Learning Lab emulates a professional trading floor. Students can use 34 computer workstations to access Bloomberg Terminals and try a range of industry-standard products.

MANAGEMENT CO-OP

The Management option balances practical and analytical skills development, to improve your decision-making process and to deepen and broaden your understanding of how to generate and implement organizational strategies. The option emphasizes the need to manage for continuous performance improvement and with awareness of the organization's relationship to its environment, along with the need to understand historical management practices and current management trends. The option seeks to provide you with cross-functional managerial skills applicable in many different organizational settings.

CAREER OPPORTUNITIES

- *Business analyst*
- *Project manager*
- *Management consultamt*
- *Chief executive officer*

EXAMPLES OF COURSES

- *Competitive Intelligence*
- *Leadership, Strategy and Sustainability*
- *Management of Innovation*
- *Project Management*

MARKETING CO-OP

The Marketing option focuses on how and why people and organizations purchase and consume goods and services via a system of organizational activities designed to plan, develop, price, promote and distribute products and services. Due to the increased breadth of marketing and the complexity and scope of the decisions to be made, marketing draws on knowledge of both quantitative and qualitative concepts, models, theories and techniques from the other areas taught at the Telfer school.

CAREER OPPORTUNITIES

- *Market analyst*
- *Promotions and communications officer*
- *Branding manager*
- *Director of sales*

EXAMPLES OF COURSES

- *Marketing Strategy*
- *Advertising and Sales Promotion Management*
- *Promotional Planning Practicum*
- *Digital Marketing Technologies*

BUSINESS ANALYTICS – COMPLEMENTARY OPTION

Can be added to your main discipline once you have enrolled.

Most companies are awash in data but need additional expertise to use that data to their advantage. Analytics are about transforming data into evidence-based action. This new Business Analytics option will give you a chance to develop a skill-set that complements your main program of study, making you a highly sought-after specialist in analytics.

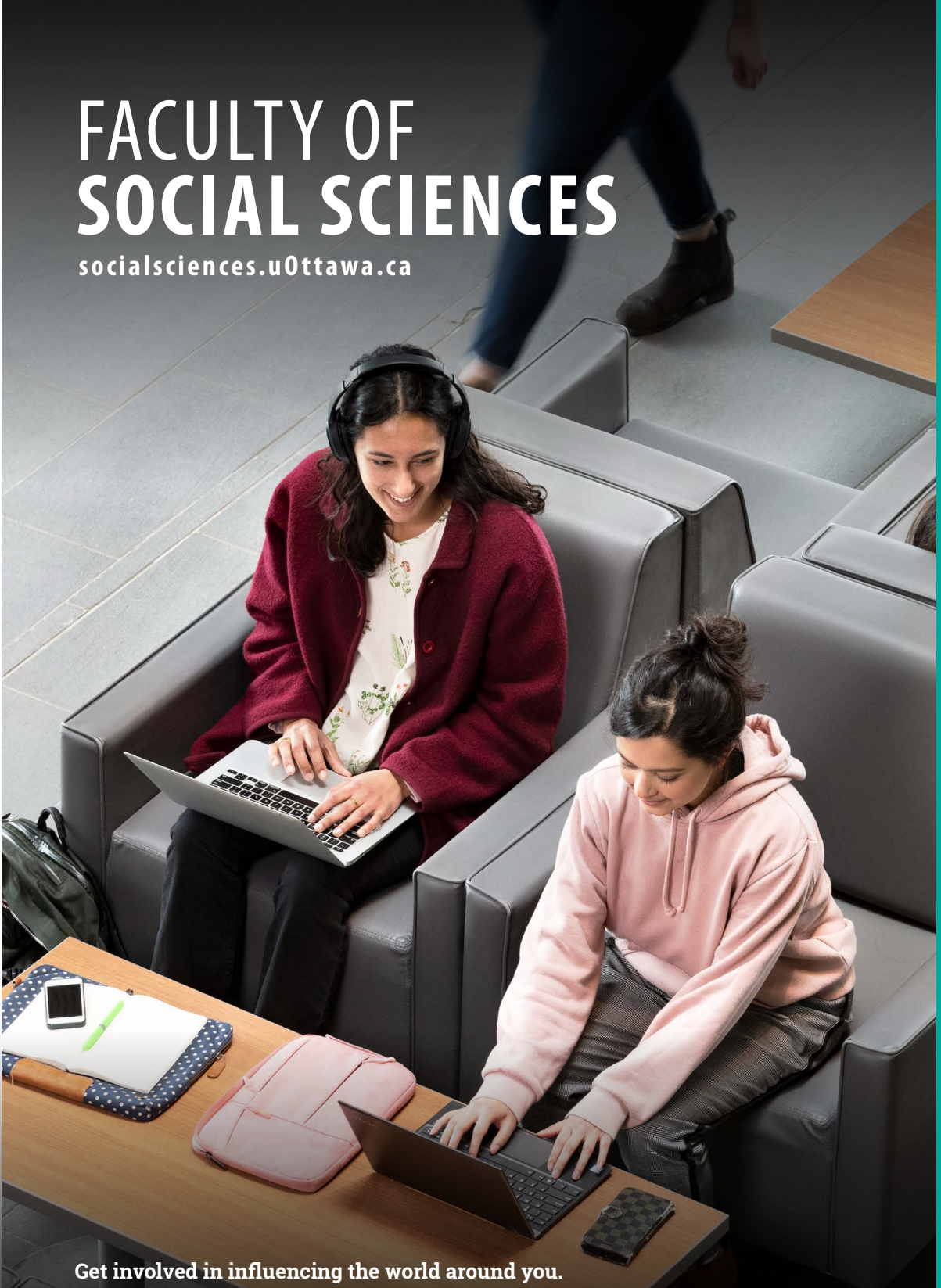
ENTREPRENEURSHIP – COMPLEMENTARY OPTION

Can be added to your main discipline once you have enrolled.

The complementary option in Entrepreneurship is designed to help you develop the skills necessary to contribute to a new venture, a high-growth enterprise or an innovative existing organization. Whether you want to run your own enterprise, work in a family business or manage growth in an established company, our goal is to stimulate and inspire you.

FACULTY OF **SOCIAL SCIENCES**

socialsciences.uOttawa.ca



Get involved in influencing the world around you.

Learn how to figure out socio-economic trends and explore the powerful relationships between systems, peoples, societies and countries. We'll help you develop solid research and analytical skills so that you can make a real difference in fields such as human rights, environmental economics, psychology and international development. Good for you, and good for people, communities and the environment, in Canada and abroad.

#5
FOR INTERNATIONAL DEVELOPMENT IN CANADA[1]

#7 FOR SOCIOLOGY IN CANADA[1]

#2 FOR POLITICAL SCIENCE IN ONTARIO[1]

#7 FOR ECONOMICS IN CANADA[1]

97% CO-OP
PLACEMENT RATE

Sources:
1 -2020 QS World University Rankings

ANTHROPOLOGY CO-OP

Anthropology is the study of what it means to be human in the face of contemporary problems. Combining the engagement and surprise of fieldwork, where one observes and participates in people's lives, with the depth and rigour of academic scholarship, anthropologists work to understand and give form to the ways in which we live in the world through time, and in different places. Anthropology's integrative approach to method and theory not only helps us understand better the vast array of human practices and interactions with the natural world, but is fundamental to identifying and understanding the challenges of today.

Our specialized program in sociocultural anthropology will prepare you for careers requiring skills in empirical research, analysis and critique, and the creative development of new solutions to the problems posed by globalization, environmental change, poverty and development, migration, and new technologies.

CAREER OPPORTUNITIES

- *Health researcher*
- *Documentary filmmaker*
- *NGO project manager*
- *User experience designer*

EXAMPLES OF COURSES

- *Anthropology of Cities*
- *Anthropology of Popular Culture*
- *Medical Anthropology*
- *Food and Food Systems*

CONFLICT STUDIES AND HUMAN RIGHTS CO-OP

The international community has, for several decades, sought to stop conflict while helping to build sustainable peace. Where has it succeeded and how, and why has it failed elsewhere?

Our program explores the causes and consequences of the many armed conflicts that persist around the world and brings you to reflect objectively on issues such as human rights, war, peace, international security and much more.

If you're interested in human rights, in understanding the conditions for peace and in deconstructing the complexities of conflict, this program is a perfect fit!

CAREER OPPORTUNITIES

- *Development officer in peace-building initiatives*
- *Departmental assistant in international relations*
- *International development officer*
- *Foreign-service officer*

EXAMPLES OF COURSES

- *Conflict and Human Rights Field Research*
- *Conflict Resolution and Peace Building*
- *The Challenge of Democracy in International Affairs*
- *Conflicts and the Peace Process in the Middle East*

CRIMINOLOGY

Our program provides you with basic knowledge about criminology as a discipline as well as about the workings of the criminal justice system. It offers in-depth knowledge in the following streams:

Carceral studies: You will analyze coercive institutions and harmful practices, as well as marginalized populations affected by these institutions. You will also explore forms of resistance and prevention that seek to minimize the use and impact of carceral control, and consider alternative ways of addressing crime.

Crimes of the powerful: You will examine harm produced by and in collusion with government institutions and political elites, as well as corporations and other economic actors. You will also explore forms of resistance and social justice initiatives aimed at countering power-based harm.

Culture and crime: You will reflect on the wider social and cultural context shaping harm, criminalization and victimization, as well as the cultural creations and practices related to the social construction and contestation of the notions of crime and justice.

Intervention and social action: You will analyze the impact of criminological intervention on criminalized and marginalized populations as well as the scope and impact of social action and advocacy for social change. You will also explore alternative ways of addressing social harm in practice.

During fourth year, you will explore topics of interest in greater depth through three different options: the course option you are already in, the field placement option or the research option.

CAREER OPPORTUNITIES

- *Practitioner with youth in conflict with the law or in need of protection*
- *Victim support worker*
- *Probation or parole officer*
- *Restorative justice caseworker*

EXAMPLES OF COURSES

- *Victimology*
- *Mental Disorder and Justice*
- *Crime and the Media*
- *Crimes of the Powerful*

ECONOMICS CO-OP

Ever wonder why some countries are richer than others, or why income inequality has been growing? Why do some companies succeed while others fail? Should health care be provided by the government or by the private sector? Are tuition fees too high? Economics can help answer all of these questions.

It provides you with a way to examine how individuals and society make choices in a world where resources are limited. It focuses on the production, distribution and consumption of goods and services. Since making choices is central to all human activity, studying economics often helps explain why people and governments behave the way they do. In fourth year, you can carry out an off-campus research project in the public or non-profit sector.

CAREER OPPORTUNITIES

- *Economist*
- *Program officer*
- *Public policy analyst*
- *Commerce officer*

EXAMPLES OF COURSES

- *Economics of Globalization*
- *International Trade*
- *International Finance*
- *Economics of Conflict*

ECONOMICS AND PUBLIC POLICY CO-OP

Governments shape daily life and well-being. They provide essential services, such as health care and education. They also seek to regulate human behaviour, for example, to promote competition among firms. As well, they collect taxes, to pay for their operations. This program draws on economic analysis and various disciplines to give you a better understanding of public policy challenges and why governments sometimes fail to make the right choices. In fourth year, you can carry out an off-campus research project in the public or non-profit sector. What you learn can be applied to labour markets, health care, education, trade relations, environmental policy and taxation, and more.

CAREER OPPORTUNITIES

- *Economist*
- *Public policy analyst*
- *Market analyst*
- *Industrial or economic development officer*

EXAMPLES OF COURSES

- *Analysis of Economic and Social Data*
- *Industrial Organization I*
- *Public Economics*
- *Public Policy Development*

ENVIRONMENTAL ECONOMICS AND PUBLIC POLICY CO-OP

Environmental issues fill the headlines — climate change, the oil sands and species loss, to name but a few. Is it possible to grow the economy and protect the environment at the same time? Is our current economic path sustainable? The Environmental Economics and Public Policy program provides you with a multidisciplinary understanding of the environment, the economy and the interaction between the two. The program offers fourth-year students research internships in the public or not-for-profit sectors. All students undertake original policy research in a capstone course in either environmental or natural resource economics. The program opens doors to careers in environmental-economic policy development and analysis in the public, private and non-profit sectors.

CAREER OPPORTUNITIES

- *Economist*
- *Public policy analyst*
- *Environmental program officer*
- *Environmental activist*

EXAMPLES OF COURSES

- *Global Environmental Challenges*
- *Environmental Law*
- *Environmental Policies, Natural Resources Management and Sustainable Development*
- *Environmental Sociology*

FEMINIST AND GENDER STUDIES CO-OP

The Institute of Feminist and Gender Studies offers you exciting interdisciplinary programs that explore challenging questions related to women, gender, power and diversity. Our teaching and research deal with important issues such as globalization, transnationalism, sexualities, gender identities, disability, colonialism, indigeneity, labour, reproduction and racism, which lie at the heart of national and international debates about socio-political equality. Courses blend scientific, theoretical and practical knowledge, contributing to intellectual development, analytical competence and collective efforts for social justice and transformation. You can match courses with student exchanges and apprenticeships, and CO-OP placements, allowing you to gain practical experience and build networks, to make it easier for you to join the workforce.

CAREER OPPORTUNITIES

- *Community or international development officer*
- *Civil rights activist*
- *Writer and researcher*
- *Adviser on equity and human rights, women or minorities*

EXAMPLES OF COURSES

- *Feminism, Justice and the Law*
- *Women, Gender and Development*
- *Queer Theories*
- *Indigenous Feminisms and Aboriginal Women's Issues*

The Faculty of Social Sciences provides students with hands-on ways to learn and gain valuable work experience while travelling abroad. These international opportunities are significantly subsidized. Take part in an exchange, internship or field research course with your professor and classmates. You could even join the Model United Nations delegation, visit New York City, and get academic course credits for it all!

INTERNATIONAL DEVELOPMENT AND GLOBALIZATION CO-OP

Are you interested in the environmental, economic and sociopolitical challenges that humanity faces in the 21st century? Do you want to better understand how and why some countries "develop" (and others do not) in a world of globalizing markets, new technologies and ideas? Are you drawn to issues such as human rights, poverty reduction, climate change, humanitarian crises, social and corporate responsibility, fragile states and the education and health of vulnerable populations? Come explore how humanity can find both fair and lasting solutions to such problems.

The Honours Bachelor in International Development and Globalization combines theory and practice within a rigorous academic program while providing you with field experience through work and study terms in Canada and abroad.

CAREER OPPORTUNITIES

- *International development officer*
- *Community development officer*
- *Cooperant (international aid worker)*
- *Foreign-service officer*

EXAMPLES OF COURSES

- *Humanitarian Intervention*
- *Food Security and International Development*
- *Conflict and Development*

Social Sciences students often extend conversations beyond the classroom. The Social Sciences Building has plenty of sunny and stylish places to study or catch up with friends.

CIVIL LAW AND INTERNATIONAL DEVELOPMENT AND GLOBALIZATION CO-OP

This French-language, four-year integrated program aims to provide future legal professionals with a comprehensive understanding of issues in international development and globalization, so they can contribute to the practice of law as it affects international cooperation. You receive two separate degrees: a Licentiate in Law (LLL) and an Honours BSocSc in International Development and Globalization. This program begins in the Faculty of Law, Civil Law Section.

CAREER OPPORTUNITIES

- *Legal careers in governmental and non-governmental organizations, humanitarian organizations, international law firms and multinational corporations.*

EXAMPLES OF COURSES

- *Education, Health and Social Protection*
- *Global Studies, Citizenship and Development*
- *Women, Gender and Development*

INTERNATIONAL ECONOMICS AND DEVELOPMENT CO-OP

As the 21st century unfolds, the issues of international development and globalization are central to the future world order: the ways in which the underlying economic challenges are resolved will fundamentally change our society. The International Economics and Development program is built on a variety of economics courses that provide insight into the ways in which globalization affects individuals, industry, the public sector and entire nations. The understanding it provides of economic concepts is framed by an awareness of the factors that shape economic growth and development, in both emerging and industrialized economies.

CAREER OPPORTUNITIES

- *Economist*
- *Economic analyst*
- *Commerce officer*
- *International development officer*

EXAMPLES OF COURSES

- *International Development Funding*
- *Politics of Foreign Aid*
- *Political Economy of Development*
- *Canada and the World Economy*

INTERNATIONAL STUDIES AND MODERN LANGUAGES CO-OP

This multidisciplinary program introduces you to the study of international issues, trans-border phenomena and intercultural relations of all kinds. It leads to an in-depth understanding of the complex connections and interactions among local, national, regional and global processes.

To complement its focus on international studies, the program offers advanced foreign-language training. You will become proficient in Canada's two official languages and in at least one additional modern language (Arabic, Chinese, German, Italian, Japanese, Portuguese, Russian or Spanish), preparing you for the demands of an internationally-oriented career.

CAREER OPPORTUNITIES

- *Departmental assistant in international relations*
- *Program or project officer*
- *International development*
- *Foreign-service officer*

EXAMPLES OF COURSES

- *International Law*
- *The Politics of Security*
- *Contemporary Geopolitics*
- *Politics of Foreign Aid*

POLITICAL SCIENCE CO-OP

Political science seeks to describe, analyze, understand and assess the principles and power relations that govern social life. It deals with the structures and institutions that define these relations and principles as well as the ideas and practices that drive them. It explores everything that influences political life and institutions (ideologies, groups, social movements, etc.), locally, regionally, nationally and internationally.

Our programs encourage critical reflection on pivotal issues like citizenship, identity, political participation, globalization and development, governance and the state, and ethics and democracy. They will allow you to build your knowledge in four subfields of political science: 1) political thought 2) Canadian politics 3) comparative politics and 4) international relations and global politics.

CAREER OPPORTUNITIES

- *Political and public policy analyst*
- *Government programs officer*
- *Political commentator or columnist*
- *Foreign-service officer*

EXAMPLES OF COURSES

- *Migration, Mobility, Borders and Citizenship*
- *Indigenous Politics in Canada*
- *Political Violence*
- *International Relations as Political Theory*

POLITICAL SCIENCE AND JURIS DOCTOR (JD)

The integrated program in political science and common law (juris doctor) in French aims to educate future legal professionals and political scientists with a comprehensive understanding of the issues and analysis central to these two complementary disciplines. You complete the requirements of the two programs in six years and receive two separate degrees, an Honours Bachelor of Social Sciences in Political Science (with possible mention of French immersion) and a Juris Doctor (JD).

CAREER OPPORTUNITIES

The program can lead to legal careers in governmental and non-governmental organizations, law firms and different ministries.

PSYCHOLOGY (BA)

Psychology is the science that studies human behaviour and mental processes. It has become one of the richest fields of scholarly and scientific research. The **BA** in Psychology deals with the fundamentals of psychology, with a particular focus on how we learn, communicate and interact with one another. The program prepares you for graduate studies in experimental psychology, clinical psychology, health sciences, education or administration.

Please note: Careers listed below require additional (sometimes doctoral) studies.

CAREER OPPORTUNITIES

- *Counsellor*
- *Child development specialist*
- *Teacher*
- *Clinical psychologist*

EXAMPLES OF COURSES

- *Human Sexual Behaviour*
- *Cross-Cultural Psychology*
- *Forensic Psychology*
- *Sleep and Dreams*

PSYCHOLOGY (BSc)

The **BSc** curriculum deals extensively with pure science fundamentals of psychology with a particular focus on the biological, chemical, physiological and cognitive factors surrounding human and animal behaviour, preparing you for graduate studies in experimental psychology, neuroscience or health sciences.

Please note: Careers listed below require additional (sometimes doctoral) studies.

CAREER OPPORTUNITIES

- *Researcher in neuroscience laboratory*
- *Psychopharmacology researcher*
- *Research psychologist*
- *Neuropsychologist*

EXAMPLES OF COURSES

- *Behavioural Science*
- *Research in Development Psychology*
- *Laboratory in Physiological Psychology*
- *Learning and Conditioning*

PUBLIC ADMINISTRATION CO-OP

The study of public administration seeks to advance our understanding of how governments work and of their role in contemporary societies. It examines public management principles from various perspectives (administration, financial management, human resources, ethics, administrative reforms, governance, etc.) and the processes involved in designing public policies (policy cycle, roles of various stakeholders, ideologies, contextual factors, etc.). The program offers a high-quality education to students seeking a career in the public or broader public sector, as well as those wanting to work in the private or non-profit sector, or in government relations.

CAREER OPPORTUNITIES

- *Manager in non-profit organization*
- *Government program administrator*
- *Public policy analyst*
- *Business-government relations consultant*

EXAMPLES OF COURSES

- *Gender and Public Policy*
- *Human Resources in Public Organization*
- *Sectoral Issues in Public Policy*
- *Ethics and Public Affairs*

SOCIAL SCIENCES

In the three-year Bachelor of Social Sciences program, students cover the fundamentals of the social sciences while studying three specific areas of their choice, including at least two from the following areas: anthropology, criminology, economics, political science, psychology, public administration, sociology and women's studies. In addition, the Bachelor of Social Sciences is an excellent springboard to studies in law or education.

You can also add a minor to this program.

CAREER OPPORTUNITIES

- *Program or project officer in government or community agencies*
- *Administrative assistant*
- *Teacher*
- *Public servant*

EXAMPLES OF COURSES

- *Introduction to Studying the Social Sciences*
- *History of Ideas in Social Sciences*
- *Introduction to Methodology in the Social Sciences*

SOCIAL WORK

This French-language program trains specialists in social work to be able to intervene with people, groups and communities. Thanks to a solid theoretical education, it enables graduates to engage in critical analysis and apply interventions adapted to changing, complex socio-political contexts. Combining classroom learning with two workplace placements, the program allows you to put into practice intervention approaches taking into account poverty and social inequality-related issues (such as sex, race, gender, sexual orientation, age, and physical and mental capacity).

CAREER OPPORTUNITIES

- *Social worker*
- *Outreach worker*
- *Community worker*
- *Social policy analyst*

EXAMPLES OF COURSES

- *Intervention auprès des enfants et des familles en service social*
- *Santé mentale et service sociale*
- *Construction des identités sexuelles et service social*
- *Dimensions internationales du service social*

SOCIOLOGY CO-OP

Sociology as a discipline is concerned with understanding social change. It involves the empirical study of societies, exploring institutions and cultures. Sociologists seek to uncover the processes and social relations that produce behaviour and strive to understand the origins and consequences of contemporary social arrangements. In our programs, you apply theoretical approaches to real-world cases and learn how to use powerful quantitative and qualitative research tools (interviews, focus groups, discourse analysis and surveys), all heavily used in the current job environment. The connection between theory and research enables you to develop a critical understanding of a range of contemporary social issues, such as social justice and inequality, ethnic relations, deviance, individual and collective identity, gender relations, international development, social power, and science and technology. An undergraduate degree in sociology prepares you for graduate professional degrees and provides you with skills and resources for a variety of exciting and meaningful career choices.

CAREER OPPORTUNITIES

- *Social sciences researcher*
- *Human resources manager*
- *Social justice organizer*
- *Diversity consultant*

EXAMPLES OF COURSES

- *Environmental Sociology*
- *Ageing Here and Elsewhere*
- *Art, Culture and Society*
- *Class, Status, Power, and the Individual*

FACULTY OF SOCIAL SCIENCES – MINORS AND OPTIONS

The following disciplines can be added to your main discipline as a minor or option only once you have enrolled.

AFRICAN STUDIES — OPTION

For many decades, Africa has experienced profound social, demographic and political transformations, which have propelled it to the forefront of the international scene, not as a place of concentrated suffering (wars, epidemics, etc.) but as one of immense potential for its own population and for the entire world.

This option allows you to improve your knowledge and understanding of the issues related to these profound changes.

AGING STUDIES — MINOR

The Minor in Aging Studies combines the study of aging with several disciplines in social sciences, health sciences and the arts. The program, which develops knowledge and practical skills related to aging and seniors, is designed for students interested in health, social services, social policy and research on aging-related issues.

This program can lead to careers in social work, community centres, drop-in centres or government agencies.

GLOBAL STUDIES — MINOR

The Minor in Global Studies allows students to focus part of their studies on phenomena and processes related to globalization. As massive change sweeps the planet, the ability to grasp the issues involved in globalization is central to fully understanding our society.

This program can lead to careers in international development, politics, diplomacy and immigration.

SOCIAL SCIENCES OF HEALTH — MINOR

This multidisciplinary minor is for students who want to explore health-related issues from a social sciences perspective. Research on the social determinants of health can shed light on the complex factors that can determine the health of populations. It can reveal key insights into why some people are healthier than others and what contributes to health improvement. The program encourages you to engage in critical dialogue on the social, economic, political, psychological and cultural dimensions of health.

This program can lead to careers in public administration, social and health policy, and community services.

FACULTY OF **ENGINEERING**

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Cultivate your talents for innovative design. Make the world a better place by engineering solutions and launching smart businesses.

You'll learn from leading researchers in world-class facilities, including our new STEM Complex. Whether you want to be a great engineer or a savvy computer scientist, we offer the perfect balance of theory and practice across our 11 accredited programs and through our dynamic Centre for Entrepreneurship and Engineering Design (CEED). With our advanced prototyping and manufacturing facilities, competitive teams, entrepreneurial competitions and startup growth programs, we'll foster your creativity so you can make your future.

Sources:
1 -2020 QS World University Rankings
2 -2017 Expert Market report, Top Canadian Tech Hubs to Live and Work In

#11
FOR ENGINEERING & TECHNOLOGY IN CANADA[1]

#9 FOR COMPUTER SCIENCE IN CANADA[1]

ONE OF THE MOST DIVERSE
TECH HUBS
IN CANADA[2]

96% CO-OP
PLACEMENT RATE

500+ PROJECTS
CREATED IN OUR
7 PROTOTYPING FACILITIES

BIOCHEMISTRY AND CHEMICAL ENGINEERING (BIOTECHNOLOGY) CO-OP

To be admitted to this program, you must apply to the Faculty of Science.
See page 43 for details.

BIOMEDICAL MECHANICAL ENGINEERING CO-OP

The Biomedical Mechanical Engineering program aims to graduate engineers who have specialized in the biomedical engineering subfield of mechanical engineering. This subfield includes the design of medical devices, such as artificial hearts, implants and prostheses; the development and selection of bio-compatible metallic and non-metallic materials for implants and medical equipment; robotics for medical applications; biomechanics; and rehabilitation engineering. The program structure parallels that of the regular mechanical engineering program, but replaces eight courses in the regular program with courses that focus on biomedical subjects. The scope of this program is broad, and this provides graduates with a wide range of career choices not only in the biomedical field, but also in conventional mechanical engineering.

CAREER OPPORTUNITIES

- *Rehabilitation engineer*
- *Biomedical engineer*
- *Mechanical engineer*

EXAMPLES OF COURSES

- *Biomedical Systems Dynamics*
- *Bioinstrumentation*
- *Design of Artificial Joint Prostheses and Implants*
- *Design of Artificial Organs*

Students working in a biomedical mechanical engineering laboratory.

CHEMICAL ENGINEERING CO-OP

Chemical engineering is at the crossroads of many disciplines. It combines knowledge of basic and applied sciences, economics, and health and safety. Chemical engineering graduates use a series of operations to sustainably process raw natural materials into finished products. They work in any number of industries, and during their careers, they may face a variety of challenges, such as optimizing processes and monitoring pollution, converting renewable energy, processing foods and drugs, and manufacturing new materials.

CAREER OPPORTUNITIES

- *Chemical engineer*
- *Process engineer*
- *Environmental engineer*
- *Renewable energy engineer*

EXAMPLES OF COURSES

- *Process Synthesis, Design and Economics*
- *Process Control*
- *Clean Processes and Sustainable Development*
- *Biochemical Engineering*

CIVIL ENGINEERING CO-OP

Civil engineers design the infrastructure on which their communities depend, such as buildings and foundations, bridges, canals, dams, transportation facilities, municipal sewer and water networks, and wastewater and solid waste treatment systems. Civil engineering students at the University of Ottawa can take advantage of world-class teaching laboratories, multimedia classrooms and computer facilities. You will develop expertise in computer applications, field and laboratory testing, and project management, and will be well-equipped to serve your community upon graduation.

CAREER OPPORTUNITIES

- *Consulting engineer*
- *Structural or construction engineer*
- *Geotechnical engineer*
- *Environmental engineer*

EXAMPLES OF COURSES

- *Hydraulics of Water Supply and Sewer Systems*
- *Reinforced Concrete Design*
- *Structural Steel Design*
- *Highway and Transportation Engineering*

COMPUTER ENGINEERING CO-OP

Building on a solid foundation of traditional engineering skills, this program covers many different aspects of computer software and hardware design, and allows for more specialized studies in microprocessor-based systems, computer architecture, programming concepts, real-time operating systems, software engineering and robotics. This program provides multiple paths to a variety of careers.

CAREER OPPORTUNITIES

- *Hardware designer*
- *Computer applications engineer*
- *Wireless and network systems technical manager*
- *Software developer*

EXAMPLES OF COURSES

- *Computer Systems Design*
- *Computer Control in Robotics*
- *Real-Time Systems Design*
- *Digital Image Processing*

COMPUTER SCIENCE CO-OP

Computer science at the School of Electrical Engineering and Computer Science combines the study of computation and information processing fundamentals with their application in the world around us. Computer scientists build fast, reliable, scalable and secure software systems to organize and analyze information.The honours curriculum includes advanced topics in databases, artificial intelligence, computer graphics, security, distributed computing, algorithm design and data science, and culminates in an honours project. This program teaches you how to use your creative and innovative talents to conceive, design and implement software systems. The French Immersion Stream is available to all students in the program. Our degrees are very flexible and include options, minors and a major, which can be used to explore connections between computer science and many other fields of study.

CAREER OPPORTUNITIES

- *Software technologies and systems developer in many diverse fields, including entertainment, government and business.*

EXAMPLES OF COURSES

- *Design of Secure Computer Systems*
- *WWW Structures, Techniques and Standards*
- *Introduction to Artificial Intelligence*
- *Introduction to Data Science*

DATA SCIENCE CO-OP

Every day all over the world, large amounts of data are generated by business, scientific and social activities. Data-driven approaches to decision-making in areas as diverse as medicine, business, sports, advertising and entertainment are now essential. Data science is the study, application, and development of methods to learn from this data to understand, predict, and improve management strategies, products, services, advertising campaigns, public health and safety, and much more. It combines elements of mathematics, computer science and statistics. Students in this program gain significant hands-on experience through various projects and a Data Science Laboratory.

This innovative and unique five-year integrated program is offered in English (along with the French Immersion Stream), French or both languages.

CAREER OPPORTUNITIES

- *Data scientist*
- *Business intelligence analyst*
- *Public policy development*
- *Artificial intelligence*

EXAMPLES OF COURSES

- *Methods of Machine Learning*
- *Introduction to Data Science*
- *Data Science Lab*
- *Introduction to Artificial Intelligence*

ELECTRICAL ENGINEERING CO-OP

Electrical engineering is at the heart of today's exciting advances in technology and plays an integral role in creating every new technology product, through its development, design, manufacture, operation and management. As an electrical engineer, you will work with other engineers or scientists on emerging technologies. The curriculum includes courses in science, engineering and design, electronics, circuits, signal processing, semiconductor devices, electric machines and computers. It offers five technical specializations: communications, systems engineering, electronics, microwave and photonic engineering, and power and sustainable energy.

CAREER OPPORTUNITIES

- *Electronics and chip designer*
- *Electromagnetics engineer*
- *Avionics engineer*
- *Power systems and renewable energy engineer*

EXAMPLES OF COURSES

- *Microwave Circuits Optoelectronics and Optical Components*
- *Sustainable Electrical Power Systems*
- *Wave Propagation and Antennas*

MECHANICAL ENGINEERING CO-OP

Mechanical engineers apply the fundamentals of science and math to create practical, useful solutions for a wide range of mechanical, thermal and biomedical systems and devices, from computer parts to power plants, and from manufacturing systems to spacecraft. This is a broad-based area of engineering, and graduates find work in almost every industrial sector, including high tech, aerospace, manufacturing, automotive, energy, biomedical and consulting.

CAREER OPPORTUNITIES

- *Aeronautical or aerospace engineer*
- *Automotive engineer*
- *Manufacturing engineer*
- *Robotics, automation or controls engineer*

EXAMPLES OF COURSES

- *Machine Design*
- *Mechatronics*
- *Aerodynamics*
- *Robot Design and Control*

PHYSICS AND ELECTRICAL ENGINEERING CO-OP

To be admitted to this program, you must apply to the Faculty of Science.
See page 45 for details.

SOFTWARE ENGINEERING CO-OP

The Software Engineering program emphasizes innovation and teamwork. It includes a mandatory CO-OP experience to develop practical, solution-driven thinking. During your fourth-year project, you can join a team and leverage your work experience to create real applications; some students even start their own companies. You learn how to apply engineering principles — including rapid prototyping, requirements analysis, system modelling, design, implementation, testing and project management — to develop software. Software engineers are key professionals in fields such as high tech, finance, telecommunications, government, health care, transportation and entertainment. This program is also available in the French Immersion Stream.

CAREER OPPORTUNITIES

- *Software engineer*
- *Systems architect*
- *Computer security analyst*
- *Video game designer*

EXAMPLES OF COURSES

- *Software Requirements Analysis*
- *Software Design and Architecture*
- *Software Quality Assurance*
- *Analysis and Design of User Interface*

Students work on their prototype during the annual Design Projects Showcase.

FACULTY OF **SCIENCE**

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Sources:
1 -2020 QS World University Rankings

BIOCHEMISTRY CO-OP

Unravel the secrets of life! DNA, RNA, proteins and other biomolecules are the keys to life on Earth. In the Biochemistry program, you will learn about the structure and function of these essential biomolecules. By understanding their molecular level function, you will be able to explain human health and disease, design new drugs and develop innovative industrial processes. Options in chemical biology, microbiology and immunology, and synthetic biology are available. You will develop an interdisciplinary, molecular level understanding of biological science and be well positioned to pursue graduate studies in biochemistry and related disciplines, or further training in any medical or health profession.

CAREER OPPORTUNITIES

- *Laboratory technologist*
- *Toxicologist*
- *Health care professional*
- *Forensic scientist*

EXAMPLES OF COURSES

- *Molecular Biology*
- *Human Genome Structure Function*
- *Structural Biology of Proteins*
- *Pathological Biochemistry*

BIOCHEMISTRY AND CHEMICAL ENGINEERING (BIOTECHNOLOGY) CO-OP

Learn how living organisms function at the molecular level and how we can use this knowledge to create new manufacturing methods, chemical products or lifesaving drugs. Cheese, yogurt and beer are all biotechnology products. So are insulin and the chickenpox vaccine, which have saved or improved the lives of millions. The Biotechnology program covers biology, chemistry, mathematics and engineering. This extraordinary five-year program lets students receive two degrees, one in chemical engineering and one in biochemistry.

CAREER OPPORTUNITIES

- *Biotechnology researcher*
- *Process engineer*
- *Patent law officer*
- *Bioremediation engineer*

EXAMPLES OF COURSES

- *Protein Structure Function*
- *Chemical Reaction Engineering*
- *Biochemical Engineering*
- *Plant Design Project*

BIOLOGY CO-OP

Biology is the study of living things, from primitive single-celled organisms resembling the earliest life on Earth to entire ecosystems. Our program begins with cells and organisms, followed by genetics, ecology, plants and animals. You can then continue with a broad perspective, or specialize with an option in cellular and molecular biology, physiology or ecology/evolution/behaviour. We emphasize experimental work in state-of-the-art teaching and research laboratories, as well as fieldwork locally (e.g., at Mer Bleue Bog) and further afield (e.g., in Tanzania). An immersive research experience, the Research Focus, is offered from the third year to students considering a career in research. Our program prepares students for graduate studies, professional schools and scientific careers.

CAREER OPPORTUNITIES

- *Wildlife biologist*
- *Policy analyst and consultant*
- *Environmental scientist*

EXAMPLES OF COURSES

- *Ecology*
- *Introduction to Plant Science: Biodiversity to Biotechnology*
- *Animal Form and Function*

BIOMEDICAL SCIENCE CO-OP

The interdisciplinary program in Biomedical Science combines the foundational study of human and animal structure and function. The first two years provide a background in anatomy and psychology, in addition to biology, biochemistry, chemistry, genetics and mathematics. An immersive research experience, the Research Focus, is offered in third year and is aimed at students considering a career in research. Through a combination of additional courses in the Faculty of Science and in the humanities, students can structure a program emphasizing aspects of health and diseases or choose one of the following five options: Bioanalytical Science, Biostatistics, Cellular and Molecular Medicine, Medicinal Chemistry and Neuroscience. The program prepares students for more advanced research or applied training in health-related fields.

CAREER OPPORTUNITIES

- *Health professional and post-graduate programs (medicine, dentistry, pharmacy)*
- *Policy analyst*
- *Scientist*
- *Specialized careers in biotechnology, forensics, pharmaceuticals, etc.*

EXAMPLES OF COURSES

- *General Microbiology*
- *Molecular Biology*
- *General Intermediary Metabolism*
- *Bioethics*

BIOPHARMACEUTICAL SCIENCE CO-OP

This interdisciplinary program combines basic studies in molecular biology, biochemistry, pharmacology and organic chemistry. After second year, you choose between two options: Genomics, a branch of molecular biology dealing with genome structure and functions, and Medicinal Chemistry, the science of drug discovery. Graduates from both streams are well positioned to enter any area of the growing health care sector — from biomedical research and biopharmaceuticals development to drug manufacturing and regulation — or to be admitted to advanced studies (MSc and PhD) or professional schools (pharmacy, medicine, dental, etc.).

CAREER OPPORTUNITIES

- *Pharmacological chemist*
- *Bioinformatician*
- *Pharmaceutical sales/marketing*
- *Health professional programs (medicine, dentistry, pharmacy, etc.)*

EXAMPLES OF COURSES

- *Medicinal Chemistry*
- *Principles of Toxicology and Pharmacology*
- *Advanced Chemical Biology*
- *Genomics*

CHEMISTRY CO-OP

What in the world isn't chemistry? Chemistry is known as the "central science," since it is an essential component within a wide variety of other scientific disciplines, such as biochemistry, biology, physics, geology and medicine. This program, offered through our internationally acclaimed Department of Chemistry and Biomolecular Sciences, explores advanced concepts that deal with chemistry, both qualitatively and quantitatively, from reactions involving single atoms to the most complex biomolecules. This knowledge can be applied to nanotechnology, new and improved drugs and materials, and novel chemical processes. Specialized options in Advanced Materials and in Ecochemistry are unique to uOttawa. Our program is delivered by world-renowned researchers and lecturers using a variety of unique and innovative teaching methods.

CAREER OPPORTUNITIES

- *Pharmaceutical chemist*
- *Materials chemist*
- *Patent lawyer*
- *Police and border services forensic chemist*

EXAMPLES OF COURSES

- *Organic Chemistry I*
- *Descriptive Inorganic Chemistry*
- *Quantum Chemistry and Molecular Modelling*
- *Principles of Instrumental Analysis*

DATA SCIENCE CO-OP

To be admitted to this program, you must apply to the Faculty of Engineering.
For program description, see page 41.

ENVIRONMENTAL GEOSCIENCE CO-OP

Investigate Earth as a professional environmental geoscientist and understand environmental interactions between geology, biology and hydrology. This program integrates the Environmental Science and Geology programs in one multidisciplinary stream that balances biology and chemistry-oriented courses with solid Earth-based courses. You will acquire a wide range of expertise in the environmental interactions between solid Earth, the biosphere, the atmosphere and the oceans. The combination of analytical courses and frequent field trips gives you hands-on exposure to all aspects of environmental geoscience. The final year involves an independent research project or equivalent units (credits) in advanced environmental geoscience courses in your specialization. Students who follow the suggested course sequence can meet professional accreditation requirements of the Association of Professional Geoscientists of Ontario (AGPO) and the *Ordre des géologues du Québec (OGQ)*.

CAREER OPPORTUNITIES

- *Environmental geoscientist*
- *Groundwater hydrogeologist*
- *Environmental consultant*
- *Geochemist*

EXAMPLES OF COURSES

- *Oceanography*
- *Quaternary Geology and Climate Change*
- *Hydrogeology*
- *Environmental Science Field Studies*

ENVIRONMENTAL SCIENCE CO-OP

Our civilization has a serious impact on nature, one that is increasing with the growth of the world's population. The Environmental Science program studies this impact, as well as potential solutions, from a scientific perspective.
Our teaching involves a mix of lectures, labs and field study. The program focuses, on the way we use natural resources and the most pressing environmental problems we face. You must choose one of three options: Conservation and Biodiversity, Environmental Geochemistry and Ecotoxicology, or Global Change. Our program is accredited by ECO Canada.

CAREER OPPORTUNITIES

- *Environmental consultant*
- *Environmental impact assessor*
- *Natural resources planner or environmental policy analyst*
- *Water-quality specialist*

EXAMPLES OF COURSES

- *Introduction to Environmental Science*
- *Environmental Issues*
- *The Practice of Environmental Science*
- *Field Course in Environmental Science*

Two science students from the Kharouba Lab doing field research on biodiversity in Gatineau Park.

FINANCIAL MATHEMATICS AND ECONOMICS CO-OP

Financial decisions rely mostly on quantitative models. Advanced knowledge of mathematics, economics and finance is required. The Joint Honours in Mathematics and Economics focuses on the use of mathematics in economics, while the Honours in Financial Mathematics and Economics provides unique, well-balanced training from experts in three disciplines, in conjunction with the Department of Economics and the Telfer School of Management. Both programs can lead to positions in financial institutions and governmental agencies. Our graduates get offers from top graduate schools for studies in econometrics and finance.

CAREER OPPORTUNITIES

- *Investment analyst*
- *Econometrician*
- *Credit risk analyst*
- *Actuary*

EXAMPLES OF COURSES

- *Mathematical Reasoning and Proofs*
- *Elementary Real Analysis*
- *Introduction to Statistics*
- *Foundations of Probability*

GEOLOGY CO-OP

Geologists or earth scientists study the Earth, including its chemical, physical and biological evolution. You learn how to analyze Earth materials, probe the Earth from its surface to its core, and model the processes that produced and currently shape its oceans and continents. The Ottawa region is a natural laboratory where students investigate resources (water, metals, minerals, petroleum), hazards (earthquakes, tsunamis, eruptions, landslides) and a variety of geological environments. Our programs are a balance of field-based learning and theoretical and analytical investigation that are directly relevant to the needs of society. They can lead to professional accreditation by the Association of Professional Geoscientists of Ontario (AGPO) and *l'Ordre des géologues du Québec (OGQ)*.

CAREER OPPORTUNITIES

- *Geohazard specialist*
- *Geophysicist*
- *Mining and mineral exploration*
- *Volcanologist*

EXAMPLES OF COURSES

- *Geologic Field Studies I*
- *Mineral Deposits*
- *Applied Geophysics*
- *Geochemistry*

MATHEMATICS CO-OP

Mathematics is much more than numbers and formulae! It is a highly creative field of study that marries precision with intuition and imagination with logic, to produce problem-solving tools. Advances in mathematics lie behind many discoveries that drive the most current technological innovations. Many students do federal government internships and research during their degree. In our programs, you can combine mathematics with physics or economics.

For the joint honours in Computer Science and Mathematics, you must apply through the Faculty of Engineering.

CAREER OPPORTUNITIES

- *Math modeller*
- *Cryptographer*
- *Logistics specialist*
- *Math teacher*

EXAMPLES OF COURSES

- *Mathematical Reasoning and Proofs*
- *Elementary Real Analysis*
- *Algebraic Structures*
- *Introduction to Probability*

MUSIC AND SCIENCE

To be admitted to this program, you must apply to the Faculty of Arts. For program description, see page 26.

OPHTHALMIC MEDICAL TECHNOLOGY

The complexity of ophthalmic medicine has been growing steadily and, with it, the demand for well-trained allied health specialists. The Ophthalmic Medical Technology program prepares you for a challenging career. The third and fourth years are delivered at the University of Ottawa Eye Institute, at the Ottawa Hospital. The program is suited to well-rounded individuals interested in health care careers and working with the public. You receive hands-on skills training with the latest technologies as part of the health care team. You learn ophthalmic diagnostic testing techniques and work alongside ophthalmic medical technologists, residents and ophthalmologists.

CAREER OPPORTUNITIES

Technician in:

- *Hospital and private ophthalmology offices*
- *Refractive laser clinics*
- *Clinical research*

EXAMPLES OF COURSES

- *Ocular Anatomy and Physiology*
- *Optics, Refractometry and Optical Instruments*
- *Abnormalities of the Eye and Common Ocular Complaints*

PHYSICS CO-OP

Lecturers include world-leading researchers in photonics, biophysics and materials science. They will teach you about subatomic particles, living cells, distant galaxies, the Earth's climate and more. Be the first to use state-of-the-art facilities, where you will be trained to design, build and computationally analyze physical systems. Prepare for the National Capital Region's vibrant high-tech and health science sectors with an honours option in photonics or biophysics, two areas where our department is top ranked. You can also focus on building your theoretical knowledge in our Physics-Mathematics honours program. Thanks to a low 5:1 student-faculty ratio, undergraduates work hands-on with instructors and have the opportunity to do cutting-edge scientific research early on.

CAREER OPPORTUNITIES

- *Materials science specialist*
- *Photonics specialist or researcher*
- *Biophysicist*
- *Astrophysicist*

EXAMPLES OF COURSES

- *Waves and Optics*
- *Thermodynamics*
- *Electromagnetic Theory*
- *Quantum Mechanics*

PHYSICS AND ELECTRICAL ENGINEERING CO-OP

In five years, you will earn two degrees, an honours BSc in physics and a BASc in electrical engineering. While physics probes big questions, from the origin of the universe to the workings of the quantum world, electrical engineering underlies the technologies that are ubiquitous in our modern world, from power generation to the computer chip. Subjects include signal processing, circuits, quantum physics, astrophysics, and thermodynamics. Students choose one of the electrical engineering technical specializations (e.g., communications, microwave, electronics, etc.). This program will teach you the foundations of how nature works, and then how to innovate with this knowledge.

CAREER OPPORTUNITIES

- *Electrical engineer*
- *Avionics engineer*
- *Power systems and renewable energy engineer*
- *Biomedical researcher or engineer*

EXAMPLES OF COURSES

- *Statistical Thermodynamics*
- *Quantum Mechanics*
- *Random Signals and Systems*
- *Electrical Engineering Design Project*

STATISTICS CO-OP

Every field of research is feeling the impact of large volumes of data. Every business, government department and non-governmental organization is collecting data about its clients and products. To navigate the world of data, you need advanced statistical skills. Our Honours, Major and Minor in Statistics provide extensive training with many internship opportunities. Graduates find jobs in industry or government, in particular, with Statistics Canada. The program is accredited by the Statistical Society of Canada and graduates can apply for A.Stat. designation.

CAREER OPPORTUNITIES

- *Data scientist*
- *Statistician*
- *Business intelligence analyst*
- *Data analyst*

EXAMPLES OF COURSES

- *Mathematical Reasoning and Proofs*
- *Foundations of Probability*
- *Analysis of Experimental Designs*
- *Introduction to Mathematical Statistics*

FACULTY OF SCIENCE — MINORS

These two disciplines can be added to your main discipline as a minor only once you have enrolled.

BIOPHYSICS

The University has one of Canada's highest concentrations of experimental and theoretical biophysics research. The Minor in Biophysics gives you a valuable introduction to this growing interdisciplinary field. While it is intended primarily for life science students, it is also suitable for other non-physics students interested in the intersection of physics, biology and engineering. You will learn about the physics of living cells, genetic and cellular networks, neurons, membranes, bio-sensing and more. This minor will help prepare you for jobs in the National Capital Region's vibrant health science research sector.

LIFE SCIENCES

The Minor in Life Sciences gives students who carefully choose their optional courses most of the prerequisites to apply to schools of medicine, dentistry or pharmacy. However, you should carefully check the admission requirements of other medical schools you are considering. This minor cannot be combined with other life sciences programs (Biochemistry, Biology, Biomedical Science), as they already cover the material of the minor and more fully prepare students thinking of entering life science-based professions.

FACULTY OF HEALTH SCIENCES

health.u0ttawa.ca

95%
EMPLOYMENT RATE
FOR NURSING GRADS[1]

#4 FOR NURSING IN ONTARIO[1]

#8 FOR SPORT SCIENCE IN CANADA[2]

PRACTICUM PLACEMENTS
IN HUMAN KINETICS, NURSING AND FOOD AND NUTRITION SCIENCES

FIRST-EVER
INTEGRATED FOOD SCIENCES PROGRAM
IN PARTNERSHIP WITH LE CORDON BLEU

It's about life. As internationally recognized leaders in the health sciences, we combine compassion and caring with rigorous research and expert teaching. Like you, we never forget that health and wellness means safeguarding people and communities. You'll learn from dedicated professors and researchers who are at the cutting edge of nursing, human kinetics, nutrition, rehabilitation and interdisciplinary health sciences. Our research influences national health care strategies and informs our teaching. Thanks to our clinical placements and degrees that grant professional designation, you'll be helping to maintain or improve people's quality of life in no time.

Sources:
1 -2019 Ontario Ministry of Colleges and Universities – Ontario University Graduate Survey of 2016 graduates, six months after graduation.
2 -2020 QS World University Rankings

FOOD AND NUTRITION SCIENCES

Interest in food and nutrition is growing rapidly, especially with regard to their role in maintaining a healthy lifestyle. Through theoretical and experiential learning activities, you will gain a solid understanding of the science that underlies the way that food is prepared, preserved, chosen and metabolized, as well as the nutritional value of food and its effect on human health.

The **Honours Bachelor of Food and Nutrition Sciences** curriculum has been enriched to prepare graduates to pursue a variety of career opportunities and take on influential roles in their field.

Choose from one of two program options, Food Sciences or Nutrition Sciences, during first year.

The **Food Sciences** option focuses on the chemistry, microbiology, and physical properties of food, preparing you for a career as a food scientist in the agri-food sector. Through hands-on activities, you will apply knowledge about producing safe, healthy food, with an emphasis on optimizing its nutritional quality and sensory appeal.

This option is offered in English or French.

CAREER OPPORTUNITIES

- *Food product developer*
- *Entrepreneur*
- *Researcher in food and nutrition sciences*
- *Food safety technologist*

EXAMPLES OF COURSES

- *Food Chemistry and Analysis*
- *Food Product Development and Marketing*
- *Food Microbiology*
- *Food Transformation Technologies*

The **Nutrition Sciences** option focuses on the knowledge and skills required to become a dietitian. It is an accredited program, recognized by the Partnership for Dietetic Education and Practice (PDEP), that prepares you for registration with a provincial dietetics regulatory body. When you receive your degree, you will be eligible to write the Canadian Dietetic Registration Examination.

This option is offered in French to bilingual students.

CAREER OPPORTUNITIES

- *Registered dietitian in private practice*
- *Dietitian in community or public health*
- *Food services manager*
- *Government health promotion specialist*

EXAMPLES OF COURSES

- *Nutrition Sciences*
- *Clinical Nutrition*
- *Public Nutrition and Population Health*
- *Nutritional Biochemistry and Metabolism*

HEALTH SCIENCES

The **Honours Bachelor in Health Sciences** features an integrative approach to studying health. You gain core, foundational knowledge in the biosciences and research analytical skills in a range of quantitative and qualitative methodologies, all within the broader interdisciplinary context of the social and environmental determinants of health. This unique academic approach lets you discover innovative ways to examine, measure and unravel complex health problems at all life stages, in Canada and around the world.

Focus your academic studies with new, specialized options such as Integrative Health Biosciences, Technologies and Innovation in Healthcare or Population and Public Health, and gain theoretical and applied knowledge and skills to better prepare for graduate studies and your career.

CAREER OPPORTUNITIES

- *Public health specialist*
- *Global health researcher*
- *Occupational health and safety specialist*
- *Jobs in medicine, rehabilitation sciences, dentistry, etc.*

EXAMPLES OF COURSES

- *Nutritional Determinants of Health*
- *Pathophysiology of Health Problems*
- *Pharmacology: Mechanisms and Compliance*
- *Development of Health Problems throughout the Lifespan*

HUMAN KINETICS

Both of our Human Kinetics programs can lead to careers in physical activity education, health teaching or sports coaching. You have the opportunity to complete experiential education internships in a community venue, or conduct research supervised by a professor. Many of our students pursue further studies, undergraduate or graduate, in medicine, teacher education, coaching, sports management or rehabilitation or biophysical sciences.

The **Honours Bachelor of Human Kinetics** emphasizes the social sciences aspects of physical activity, sport, active leisure and health. It provides the knowledge and skills required to play a leading role in developing, promoting and implementing programs, policies and positive lifestyle behaviours for different populations in a variety of settings. The program can also lead to national coaching certification (NCCP).

There are two options available:

- Sport Management and Governance
- Intervention, Promotion and Community Programming

CAREER OPPORTUNITIES

- *Sport and recreation manager*
- *Sports coach*
- *Physical and health education teacher*
- *Sports mental health consultant*

EXAMPLES OF COURSES

- *Sport and Recreation Marketing*
- *Principles of Coaching*
- *Management of Sporting Events and Festivals*
- *Applied Sport and Performance Psychology*

The **Honours Bachelor of Science in Human Kinetics** emphasizes the biophysical sciences of human kinetics, with a focus on the role that biological, anatomical, musculoskeletal and neuro-motor systems have on motor performance, and the impact of sport and physical activity on the body. It provides the knowledge and skills required to play a leading role in developing, promoting and implementing programs, policies and positive lifestyle behaviours for different populations in a variety of settings. This program can lead to certification by the Canadian Society for Exercise Physiology (Certified Exercise Physiologist) or the College of Kinesiologists of Ontario (Registered Kinesiologist).

Students can continue in the regular stream or add the following option to specialize further:

- Applied Studies in Kinesiology

CAREER OPPORTUNITIES

- *Registered kinesiologist*
- *Certified personal trainer*
- *Certified exercise physiologist*
- *Laboratory coordinator or assistant*

EXAMPLES OF COURSES

- *Human Anatomy and Physiology*
- *Musculoskeletal Anatomy*
- *Motor Control and Learning*
- *Research Methods in Human Kinetics*

INTEGRATED FOOD SCIENCES

The **Honours Bachelor of Integrated Food Sciences**, the first of its kind in Canada, is an innovative multidisciplinary program delivered jointly by the University of Ottawa and Le Cordon Bleu Ottawa. The program prepares you to take on leadership roles in any industry where food innovation plays a key role, including health care, education, hospitality or research and development. You will have a broad, comprehensive understanding of food preparation and nutrition practices, with an emphasis on the needs of clients with special dietary requirements, and will be ready to lead and offer guidance in commercial establishments and institutional settings.

This program is offered in English only.

CAREER OPPORTUNITIES

- *Food innovation and design consultant*
- *Specialized menu consultant*
- *Researcher in food and nutrition sciences*
- *Food product developer*

EXAMPLES OF COURSES

- *Food Sciences*
- *Culinary Techniques*
- *Nutrition Sciences*
- *Food Business Management*

NURSING

The **Honours Bachelor of Science in Nursing** program prepares the next generation of nurses to offer high quality nursing care and assume leadership roles in the health care system. It provides a solid theoretical foundation and enables you to engage with patients in activities that promote health, prevent illness and injury, and foster optimal recovery from, or adaptation to, illness or injury across all health care settings. The Bachelor of Science in Nursing is offered in English, French and French immersion at the uOttawa campus and offered in collaboration with Algonquin College in English in Ottawa (Woodroffe Campus) and in Pembroke. You can also complete the Bachelor of Science in Nursing through the second entry program (only offered in certain years) and bridging program for registered practical nurses (offered jointly with Algonquin College and La Cité). These programs also lead to graduate studies (MSc, MSc—PHCNP, PhD) in nursing at the University of Ottawa.

CAREER OPPORTUNITIES

- *Tertiary care hospitals (pediatric, mental health, emergency care, operating department)*
- *Long-term care*
- *Public health*
- *Primary care*

EXAMPLES OF COURSES

- *Human Anatomy and Physiology*
- *Nursing Practice, Science and Research*
- *Nursing Ethics and Psychology*

Nursing students learn procedures in a simulation lab.

FACULTY OF HEALTH SCIENCE — MINORS

This discipline can be added to your main discipline only once you have enrolled.

HEALTH SCIENCES

The Minor in Health Sciences provides you with an interdisciplinary health perspective, to better understand the experiences of individuals and populations both in Canada and around the world. You will experience the interaction of bioscience, social and environmental health determinants, and their influence on health, disease, disability, longevity and health equity.

STUDIES OF SOCIAL ISSUES IN SPORT, PHYSICAL ACTIVITY AND LEISURE

The Minor in Studies of Social Issues in Sport, Physical Activity and Leisure offers an opportunity to improve your knowledge and skills in critical analysis of sport, physical activity and leisure. It helps you to become a social change agent in these areas. You will learn about the effect of social issues on sporting, physical and leisure practices as well as the impact of these practices on social change.

MASTER'S DEGREES

- Master of Human Kinetics – Concentration in Intervention and Consultation
- Master of Human Kinetics – Concentration in Sports Management
- Master of Science – Interdisciplinary Health Sciences
- Master of Science Nursing / Diploma Primary Health Care for Nurse Practitioners
- Master of Science Nursing Specialization in Women's Studies

REHABILITATION SCIENCES

Our professional master's programs in audiology, speech-language pathology, occupational therapy and physiotherapy are offered in French only, with clinical placements taking place in French-language, English-language or bilingual environments. These programs are well suited to students coming out of French immersion programs.

The School of Rehabilitation Sciences educates bilingual health care professionals to meet the needs of francophone communities.

FACULTY OF **LAW**

commonlaw.uOttawa.ca | droitcivil.uOttawa.ca

By choosing to study at Canada's largest law school, you'll be immersed in a vibrant, diverse and bilingual environment with opportunities for hands-on learning.

Located just steps away from the Supreme Court of Canada, Parliament Hill, major law firms, global NGOs and thriving high-tech companies, our school gives you easy access to a wide variety of legal internships. Learn how to fight for fairness under the guidance of our award-winning professors, who will welcome you into the legal community and get you ready to make a difference.

Sources:
1 -2019 Ontario Ministry of Colleges and Universities – Ontario University Graduate Survey of 2016 graduates, six months after graduation.
2 -2020 QS World University Rankings

96%
EMPLOYMENT RATE[1]

#6 FOR LAW IN CANADA[2]

CIVIL
COMMON

OPTION TO STUDY
2 LAW SYSTEMS

OVER 400
INTERNSHIPS PER YEAR

WORLD RENOWNED
MOOTING PROGRAM
WHERE LAW STUDENTS COMPETE IN SIMULATED PROCEEDINGS

COMMON LAW SECTION

Common law is a legal system influenced by judge-made law and is followed across Canada, with the exception of Quebec. We offer one of the richest sets of course offerings in a variety of areas, including international law, social justice, law and technology, environmental law, public law, health law, Indigenous law, and dispute resolution. You can study common law in English, French or both.

The program reflects the multilingual and multicultural characteristics of our students. We educate lawyers for the Supreme Court, international lawyers for the world over, business lawyers for Bay Street, and general practitioners for Main Street. Our students are Canada's future leaders.

MAIN PROGRAMS

- English Common Law JD Program
- French Common Law JD Program
- National Program: 1 year

INTEGRATED PROGAMS

- *Programme de droit canadien* (in French), offered jointly with the Civil Law Section
- JD-BSocSc in Political Science, offered jointly with the Faculty of Social Sciences (in French)
- JD-MA in International Affairs, offered jointly with Carleton University's Norman Paterson School of International Affairs
- Canadian-American Dual JD program, offered jointly with the American University Washington College of Law or the Michigan State University College of Law
- JD-MBA, offered jointly with the Telfer School of Management
- JD-BCom, offered jointly with the Telfer School of Management (in French)

CAREER OPPORTUNITIES

- *Practising lawyer (barrister or solicitor)*
- *In-house legal counsel*
- *Mediator or negotiator*
- *JD advantage careers*

EXAMPLES OF COURSES

- *Indigenous Peoples and the Law*
- *Trial Advocacy*
- *Intellectual Property Law*
- *Cannabis Law*

ADMISSION REQUIREMENTS

Juris Doctor (English program)
- *Three years of undergraduate studies*
- *A- (80%) average*
- *Law School Admission Test (LSAT)*

Juris Doctor (French program)
- *Three years of undergraduate studies*
- *A- (80%) average*

National Program — JD
- *LLL from a Canadian civil law school*

Juris Doctor (JD) — Bachelor of Social Sciences (BSocSc) in Political Science (in French)
- *Must meet admission requirements of both disciplines*

Juris Doctor (JD) — Bachelor of Commerce (BCom) (in French)
- *Must meet admission requirements of both disciplines*

***Programme de droit canadien* (in French)**
- *Three years of undergraduate studies*
- *A- (80%) average*

For more information, visit the Common Law website.

Many of our professors have contributed to the transformation of Canada's legal systems as well as the ways in which law is practised, taught and imagined.

CIVIL LAW SECTION

Civil law comprises the basic rules of human activity, which are partially described in a civil code of laws. It applies in Quebec and in several non-Anglophone countries around the world. Students graduate with an LLL and can be admitted to Quebec's *École du Barreau* or the notarial law master's program.

MAIN PROGRAMS

- Civil Law (in French)
- *Programme de droit canadien* (in French) (students earn both a JD and an LLL)
- National Program (in French) (for students already holding a Canadian degree in common law)

INTEGRATED PROGRAMS

- Licentiate in Law (LLL) (in French) and Bachelor of Social Sciences (BSocSc) in International Development and Globalization, offered jointly with the Faculty of Social Sciences
- Licentiate in Law (LLL) (in French) and Master of Business Administration (MBA), offered jointly with the Telfer School of Management

CAREER OPPORTUNITIES

- *Lawyer*
- *Notary*
- *Foreign affairs adviser*
- *Legal adviser*
- *Diplomat*
- *Tax attorney*
- *Journalist*
- *Lobbyist or public affairs officer*
- *Mediator or negotiator*
- *Politician*
- *Law professor/researcher*
- *Sports or entertainment agent*

MAIN AREAS OF EMPLOYMENT

- *Law or notary office*
- *In-house counsel*
- *Government*
- *Financial institutions*
- *Legal aid organizations*
- *International organizations*
- *Non-profit organizations*

Civil law students have access to a wide selection of courses.

ADMISSION REQUIREMENTS

Licentiate in Law (LLL in French) CO-OP

- Quebec CEGEP diploma (DEC), a College of Applied Arts and Technology (CAAT) two-year diploma or 30 university units (credits)
- A- (80%) average

Licentiate in Law (LLL in French) and Bachelor of Social Sciences (BSocSc) in International Development and Globalization CO-OP

- Quebec CEGEP diploma (DEC), a College of Applied Arts and Technology (CAAT) two-year diploma or 30 university units (credits)
- A- (80%) average

Licentiate in Law (LLL) – National Program

- JD or LLB from a Canadian law faculty

Licentiate in Law (LLL) – Master of Business Administration (MBA)

- Meet the admission requirements of both programs
- Have a bachelor's with an average of B (70%) in the final two years of full-time study, or the equivalent

For more information, visit the Civil Law website.

FACULTY OF **EDUCATION**

education.uOttawa.ca

#5 FOR EDUCATION IN CANADA[1]

1/3 OF ADMITTED STUDENTS COMPLETED THEIR **UNDERGRAD DEGREE AT uOTTAWA**

100%
EMPLOYMENT RATE
FOR FRENCH AS A SECOND LANGUAGE TEACHERS[2]

TOP 100
FOR EDUCATION IN THE WORLD[1]

93%
OVERALL EMPLOYMENT RATE[3]

If you like learning every day, you'll love our **Teacher Education** and **Formation à l'enseignement** programs. We offer a superb opportunity to learn from a team of educational leaders who have strong research and professional partnerships locally, nationally and internationally.

Teaching is a profession that is constantly evolving. You will learn alongside students, parents and colleagues, as you share your knowledge and inspire future generations.

Sources:
1 -2020 QS World University Rankings
2 -Ontario College of Teachers, Transition to Teaching 2019
3 -2019 Ontario Ministry of Colleges and Universities – Ontario University Graduate Survey of 2016 graduates, six months after graduation.

TEACHER EDUCATION

The Teacher Education program is a consecutive two-year full-time program beginning in September, and concluding 20 months later in April with a Bachelor of Education. It affords you a unique opportunity to gain the theoretical and practical skills needed to teach in English-language elementary or secondary schools and be recommended for certification by the Ontario College of Teachers. These skills include setting educational objectives, designing and evaluating curricula, and planning creative and innovative lessons for 21st century classrooms. You complete two placements in schools (practica), for a total of 80 to 100 days of school-based teaching experience. You may also participate in community service learning placements that extend your learning outside the classroom setting (e.g., in national museums, international venues or early childhood education settings).

The Teacher Education program is divided into three divisions: Primary/Junior (kindergarten to Grade 6), Junior/Intermediate (Grade 4 to 10) and Intermediate/Senior (Grade 7 to 12). In all three divisions, you learn educational theory and explore relevant research that enables you to prepare future citizens for the social, economic and technological demands of the knowledge economy.

FORMATION À L'ENSEIGNEMENT

The Faculty of Education also offers teacher education in French, the *Formation à l'enseignement* program. For more information, visit **u0ttawa.ca/viewbook/training**.

FRENCH AS A SECOND LANGUAGE TEACHING

With the French as a Second Language option in the Teacher Education program, you will get teaching jobs in English-language school boards in French immersion, core French and extended French.

CAREER OPPORTUNITIES

- *English or French as a second language teacher*
- *Pedagogical material developer*

EXAMPLES OF COURSES

- *Curriculum Planning, Implementation and Assessment Part I*
- *Learning Theories and Practices in Inclusive Classrooms Part I*
- *Becoming a Teacher Through Inquiry Practice*
- *Schooling and Society*

SECOND LANGUAGE TEACHING

To be admitted to this program you must apply to the Faculty of Arts. For program description, see page 27.

TEACHER EDUCATION ADMISSION REQUIREMENTS

- A three-year undergraduate degree from a recognized university
- Minimum average of 70% on your top 20 single-term (or equivalent) undergraduate courses
- Relevant experience
- Proof of English proficiency (if applicable)
- French language proficiency test (for the FSL option)
- Course requirements for the division or teaching subjects, as applicable:
  - **Primary/Junior (P/J) level:**
    We recommend that applicants have successfully completed at least one single-term university course in each of the following five subject groupings: English/Linguistics/Languages, Mathematics/Statistics, Physical Sciences/Life Sciences, Social Sciences/Humanities, Visual Arts/Music/Drama
  - **Primary/Junior French as a Second Language option (P/J FSL):**
    In addition to the recommended courses above, you must have completed six one-term (or equivalent) university courses.
  - **Junior/Intermediate (J/I) level:**
    Six courses in your chosen teaching subject
  - **Intermediate/Senior (I/S) level:**
    Ten courses in your first chosen teaching subject and six courses in your second chosen teaching subject

For more information, visit u0ttawa.ca/viewbook/teach.

Future teachers participate in several practicums, allowing them to become more familiar with a variety of educational settings.

FACULTY OF **MEDICINE**

med.uOttawa.ca

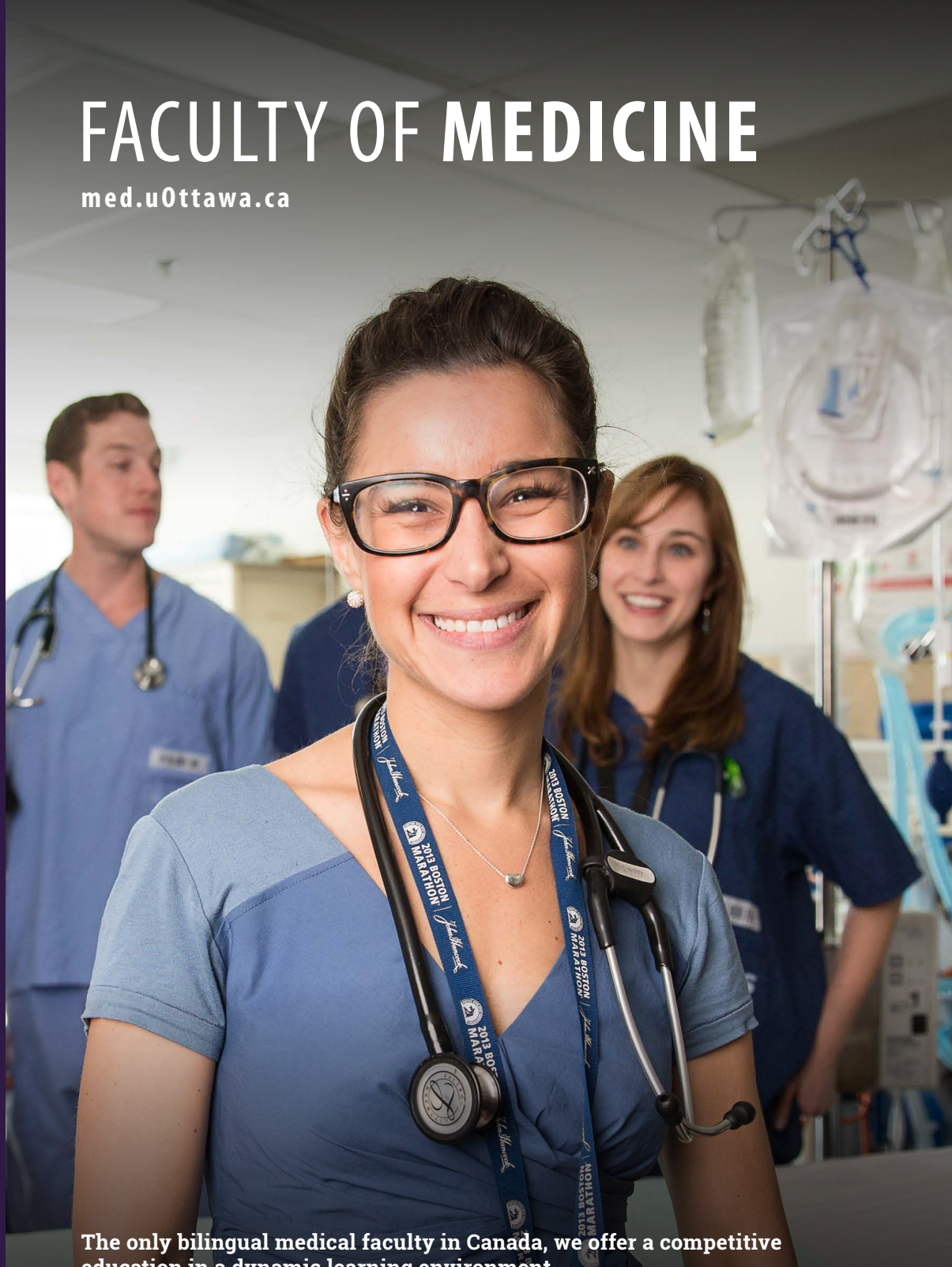
TOP 5
FOR MEDICINE
IN CANADA[1]

5 PARTNER TEACHING HOSPITALS

6 AFFILIATED RESEARCH INSTITUTES

#2 FOR MEDICAL & SCIENCE GRANTS IN CANADA[2]

76% OF CURRENT GRADUATE STUDENTS AWARDED AN **ADMISSION** OR **EXCELLENCE SCHOLARSHIP**



The only bilingual medical faculty in Canada, we offer a competitive education in a dynamic learning environment.

You will have access to state-of-the art facilities and specialized institutions as you learn alongside world-class physicians and scientists. We are a national leader in medical education and research, consistently ranking among the top faculties of medicine in the world for research impact in biomedical and health sciences. We invite you to explore the diverse and interdisciplinary opportunities within our programs.

Sources:
1 -Faculty of Medicine Research Office, based on a range of rankings, including Maclean's, Research Infosource and CWTS Leiden Rankings.

2 -Maclean's University Rankings 2020

UNDERGRADUATE MEDICAL EDUCATION (MD)

Our Faculty of Medicine was established in 1945, and is the only medical school in North America that offers its program in both English and French. Our highly regarded curriculum focuses on developing the key competencies necessary for our students to become leaders in health care delivery. Students learn through contact with patients in hospital, community, rural and international settings. The program spans 147 weeks of instruction, two years of pre-clerkship and two years of clerkship. On completion, students receive a Doctor of Medicine degree (MD).

CAREER OPPORTUNITIES

- *Family physician*
- *Surgical or non-surgical specialist*
- *Health researcher*
- *Health care administrator*

EXAMPLES OF COURSES

- *Introduction Unit to the Profession*
- *Physician Skills Development*
- *Acute Care Medicine*
- *Eportfolio on Core Competencies*

TRANSLATIONAL AND MOLECULAR MEDICINE (TMM)

The Bachelor of Science with Honours in Translational and Molecular Medicine (TMM) is a unique collaborative effort between Faculty of Medicine researchers and affiliated institutes. The program integrates theoretical and practical courses with e-learning, offering students an enriching educational environment and exposing them to innovative research throughout their studies. TMM offers the largest number of advanced laboratories for an undergraduate science program in Canada. Students are taught by both basic scientists and clinicians, providing them with the skillsets required to perform cutting-edge biomedical research.

CAREER OPPORTUNITIES

- *Biotechnology and pharmaceutical companies*
- *Government agencies*
- *Medical and health care facilities*
- *Scientific consulting firms*

EXAMPLES OF COURSES

- *Biomedical Research Laboratory*
- *Regenerative Medicine*
- *Cancer Biology*
- *Advanced methods in biomedical research; gene editing*

COMBINED MD/PHD PROGRAM

The MD/PhD program offers exceptional students the opportunity to pursue two degrees over seven years. Based on a single integrated curriculum, it combines our existing undergraduate medical school curriculum with approved doctoral programs. The program begins with entry into the MD Program for the first two years, with students beginning their PhD courses and research during their first two summers. They continue to PhD studies for the next three years, followed by a return for the final two years of the MD Program. Students receive a Doctor of Medicine and a PhD degree upon completion.

CAREER OPPORTUNITIES

- *Health care policy-maker*
- *Pharma/biotechnology researcher*
- *Health researcher*
- *Clinician/scientist*

LEADING INNOVATION FOR A HEALTHIER WORLD
CHEF DE FILE EN INNOVATION POUR UN MONDE EN SANTÉ
uOttawa
Faculté de médecine
Faculty of Medicine

GRADUATE STUDIES

Learn, discover and work in an exciting, creative, challenging and diverse environment. The hospital-based research institutes located in Ottawa, together with professors in the basic science departments, offer a vast and unique blend of research possibilities for students interested in a career in the life sciences.

We offer graduate programs in

- Biochemistry
- Cellular and Molecular Medicine
- Epidemiology
- Microbiology and Immunology
- Neuroscience
- Population Health Risk Assessment and Management
- Public Health

Collaborative programs are available in

- Bioinformatics
- Human and Molecular Genetics
- Pathology and Experimental Medicine

CAREER OPPORTUNITIES

- *Researcher or writer*
- *Patent officer*
- *Professor*
- *Hospital-based research and management*

RESEARCH HIGHLIGHTS

- *The University of Ottawa Brain and Mind Research Institute*
- *Centre for Infection, Immunity and Inflammation (CI3)*
- *Cardiovascular and Vascular Biology*
- *School of Epidemiology and Public Health*
- *Medical Artificial Intelligence*

Faculty of Medicine students have access to numerous research labs. The Faculty has more than 500 basic and clinical researchers, with a wide range of interests, including neuroscience, cardiovascular disease, and stem cell biology.

ADMISSION REQUIREMENTS

UNDERGRADUATE MEDICAL EDUCATION (MD)

Prior to the **June preceding registration**, applicants must have completed a minimum of three years of full-time undergraduate studies at a recognized university in a program leading to a bachelor's degree, including these specific prerequisites:

1. Course requirements

COURSE	REQUIRED UNITS (CREDITS) NEEDED FOR EACH COURSE
• Humanities/social sciences	6
• Biology, anatomy or physiology	6
• Organic chemistry	3
• Chemistry	3
• Biochemistry	3
• Statistics	3

2. Laboratory requirements

The laboratory requirements can be met by either having 6 units' worth of courses that include a laboratory component and/or by having completed additional course(s) up to 6 units that are exclusively laboratory-based.

Prerequisite courses must be completed with a minimum Grade of B (CEGEP equivalent 70%)

All applicants to the MD Program are required to pass an online assessment (CASPer®)

TRANSLATIONAL AND MOLECULAR MEDICINE (TMM)

Two years of undergraduate science education or the equivalent (60 units/credits) with a minimum CGPA of 7.7 and prerequisite courses.

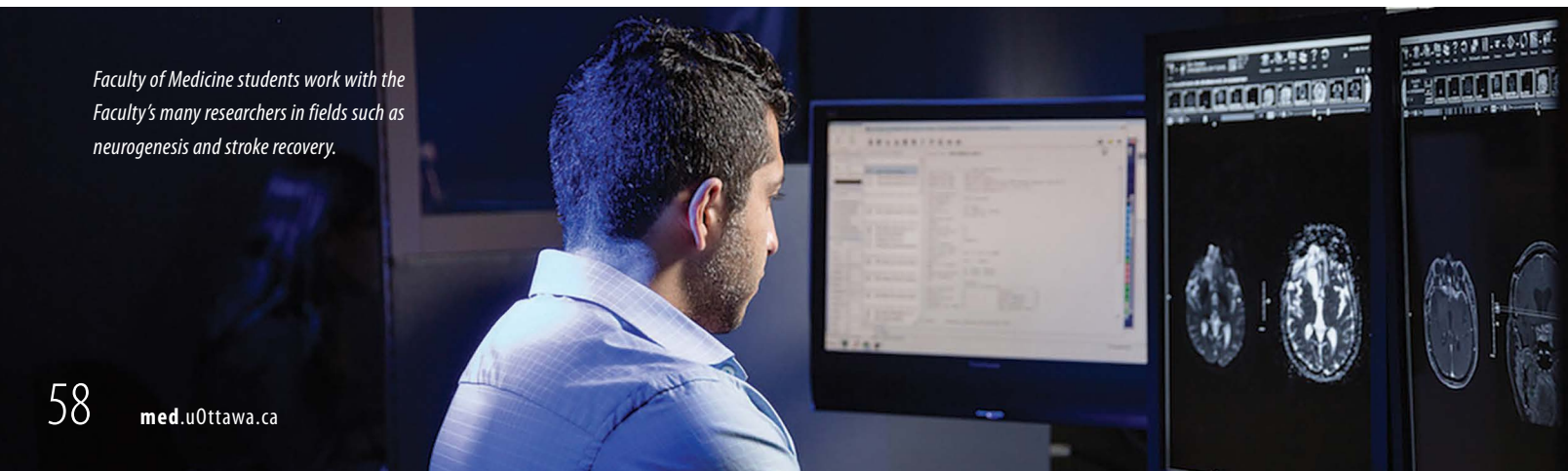
COMBINED MD/PHD PROGRAM

Applicants must meet the same eligibility criteria as for the MD Program. As well, the following are recommended:

- A proven record of undergraduate research
- A master's degree in science (MSc)
- Current enrolment in a master's program and the necessary background requirements for the chosen PhD program.

GRADUATE STUDIES

PROGRAM	TYPE	ADMISSION REQUIREMENTS
Epidemiology	MSc	Honours BSc (or equivalent) with specialization or major in a discipline relevant to epidemiology (life science or behavioural science) or a four-year degree in a health profession
	PhD	MSc with thesis in epidemiology or closely related discipline such as biostatistics or populated-based genetics
Biochemistry	MSc	Honours bachelor's with specialization or major in science, an MD or a DVM (Doctor of Veterinary Medicine)
	PhD	MSc or equivalent
Microbiology and Immunology	MSc	Honours BSc (or equivalent) with a specialization or major in biochemistry, biology or microbiology
	PhD	MSc in microbiology or immunology (or equivalent)
Cellular and Molecular Medicine	MSc	Honours BSc (or equivalent) with a specialization or major in biology, biochemistry, pharmacology, physiology, biopharmaceutical or biomedical sciences, or human kinetics
	PhD	MSc with a background in biology, biochemistry, human kinetics, pharmacology, physiology or biopharmaceutical sciences
Neuroscience	MSc	Honours BSc or equivalent
	PhD	MSc or equivalent
Population Health Risk Assessment and Management	Graduate Diploma	Honours BSc (or equivalent) in science, health sciences or social sciences
Public Health	MPH	Honours BSc (or equivalent) with a specialization or major related to public health such as life science, health sciences, behavioural science or social sciences



Faculty of Medicine students work with the Faculty's many researchers in fields such as neurogenesis and stroke recovery.

STEP-BY-STEP
APPLY FOR ADMISSION

1

Select a program

Select the faculty and discipline you wish to apply to.

2

Fill out your application

Apply online via the Ontario Universities' Application Centre (OUAC) at **ouac.on.ca**. Information about the admission process, deadlines, required documents and prerequisites is available on the University of Ottawa website.

APPLYING FOR CO-OPERATIVE EDUCATION (CO-OP)

If you want to apply for CO-OP, be sure to check off the CO-OP box on your OUAC admission form. You must have an average of at least 80% (or at least 75% if you have completed two years of CEGEP) to be eligible for admission to CO-OP. If you are not admitted with CO-OP, you can try again at the beginning of your second year.

APPLYING FOR FRENCH IMMERSION

You can apply for French immersion if you have previously studied French as a second language or core French. You must also pass the University of Ottawa's Immersion Admission Test.

To apply for French immersion, select "YES" for French immersion when submitting your application through OUAC. French immersion is available only in programs offered in English to non-Francophone students.

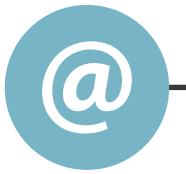
3

Submit documentation

If you're studying at a high school in Ontario, or at a CEGEP, your official transcript will be sent to us automatically through OUAC. If you're studying elsewhere, you must submit your transcript on your own through uoDoc, in uoZone.

COMPLETE A DECLARATION OF PERSONAL EXPERIENCE

Admission to the University of Ottawa is not just based on your average. If you've faced challenges that have affected your progress and grades but have helped you develop other skills and aspects of your life, tell us about your journey. You can find a link to the form in your admission file, in uoZone. You are not required to complete the form. Do not complete it if your average is higher than the admission average indicated for your program. See page 58 for details.



4

Receive our decision

We begin sending out offers of admission in November after we've received all required documentation. A PDF of your admission offer can be viewed in your admission file in uoZone.

i

For a list of important dates and specific details on how to apply for admission at the University of Ottawa, visit uOttawa.ca/admission.

ONE DESTINATION. MANY WAYS TO GET THERE.

We believe in giving people a chance. If your grades are lower than the required admission averages listed on these pages, it's not necessarily game over for you. We know that very intelligent, ambitious and talented people may have had a lot going on outside the classroom. Our *Declaration of Personal Experience* gives you an opportunity to tell us about any special circumstances that strengthen your application.

How it works:

1. Apply for admission.*
2. Access the *Declaration of Personal Experience* form via your admission file in our secure student portal, uoZone.
3. Only complete the form once, even if you are applying for admission to several programs.
4. Don't submit a declaration if your average is higher than the required admission average. Doing so gives you no advantage whatsoever.

* **A *Declaration of Personal Experience* can only be submitted by Canadian citizens, permanent residents or those with refugee status**. Moreover, we only consider it in decisions on admission to undergraduate programs in one of the direct-entry faculties, and not on admission to professional faculties such as Education, Medicine and Common Law (including BSocSc, BCom –Juris Doctor integrated programs).

Types of questions asked on the *Declaration of Personal Experience*

- How much time do you spend on a job, volunteering, family responsibilities or extracurricular activities during the school year?
- Tell us about your involvement in academic or extracurricular activities.
- Have you lived through any hardships?
- How would studying at the University of Ottawa contribute to your personal goals?

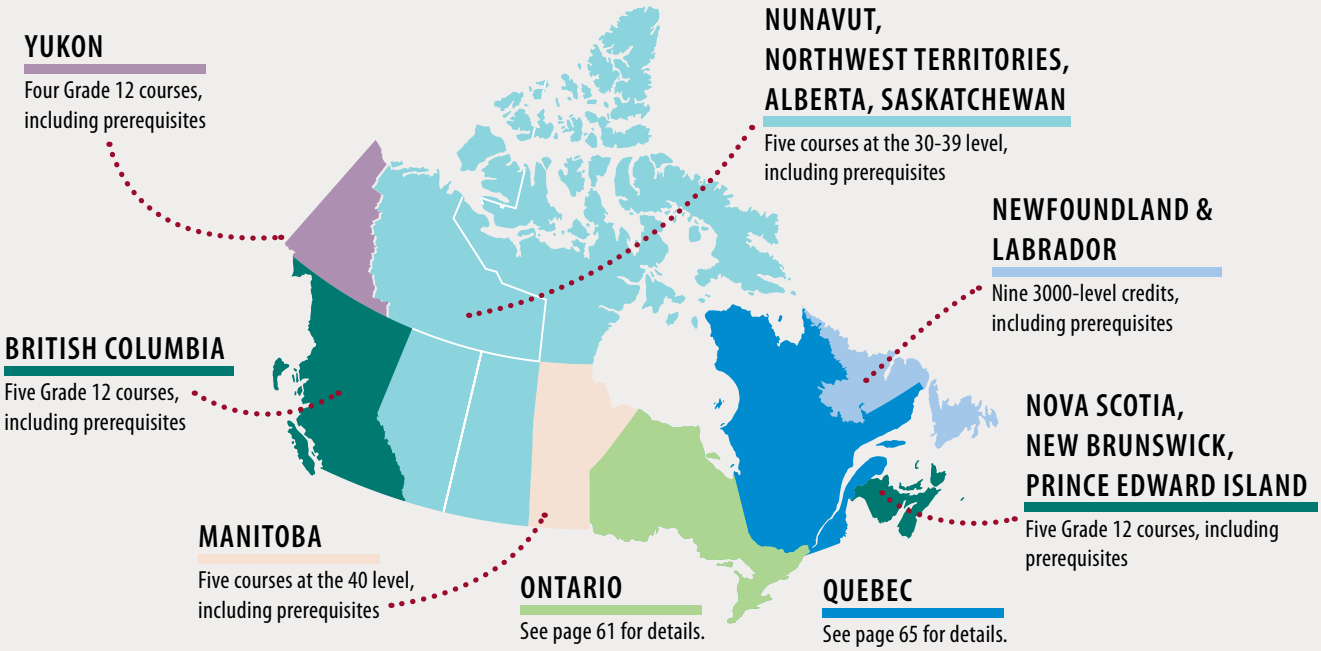
uOttawa.ca/viewbook/journey

DO YOUR GRADES NOT TELL YOUR WHOLE STORY?

AT THE UNIVERSITY OF OTTAWA, YOU CAN TELL US ABOUT YOUR **achievements** AND **dreams**

ADMISSION REQUIREMENTS FOR CANADIAN HIGH SCHOOLS – A SNAPSHOT

Students in Canadian high schools must have a diploma from their province or territory and meet the minimum requirements shown here. Get a head start! If you're a Grade 12 student who has received your first-term final or mid-term grades, upload your transcripts using the uoDoc application (accessible via uoZone) to be considered for early admission.



Required admission averages for all provinces and territories except Quebec are the same as for Ontario. See pages 61-65.
All program-specific prerequisites must be Grade 12 courses, unless otherwise indicated. For complete admission requirements, visit **uOttawa.ca/viewbook/schools**.

COURSES EQUIVALENT TO THE ONTARIO MATH PREREQUISITES

	Both Calculus and Vectors 4U **and** Functions 4U	Advanced Functions 4U **or** 4U Mathematics course
BRITISH-COLUMBIA, NOVA SCOTIA, YUKON	Calculus 12	Mathematics 12
ALBERTA, NORTHWEST TERRITORIES, NUNAVUT	Mathematics 30-1	Mathematics 30-2
SASKATCHEWAN	Calculus 30	Mathematics 30
MANITOBA	Calculus 45S	Mathematics 40S
NEW BRUNSWICK	Pre-Calculus B120 or Calculus 120	Pre-Calculus A120
PRINCE EDWARD ISLAND	Mathematics 611	Mathematics 621
NEWFOUNDLAND & LABRADOR	Calculus 3208	3000-level Mathematics

ADMISSION WITH ADVANCED STANDING

INTERNATIONAL BACCALAUREATE: You can receive advanced standing for higher-level subjects you've passed with a score of 5 or more.
ADVANCED PLACEMENT PROGRAM: You can receive advanced standing for subjects you've passed with a minimum score of 4.

The amount of advanced standing you receive depends on the program to which you are admitted.

INFORMATION FOR INTERNATIONAL STUDENTS

uOTTAWA'S INTERNATIONAL PROFILE

We have a global outlook and we embrace multiculturalism. The University of Ottawa offers a warm welcome and a wide range of support services to international students to help you succeed. There are orientation sessions and workshops for new students. Our International Mentoring Centre features an international student Buddy Program as well as 14 international student mentors from around the world who are ready to help. You can also benefit from study groups, our Academic Writing Help Centre, and social and recreational activities all year long.

international.uOttawa.ca

OVER **7,000** INTERNATIONAL STUDENTS

A DIVERSE MIX OF STUDENTS FROM **155** COUNTRIES

ENGLISH LANGUAGE REQUIREMENTS

If you're applying for an English-language program and have not completed at least **three years of full-time study** at an institution where English is the only language of instruction (excluding language courses) in a country where English is an official language, you must submit your official score on one of the language tests below.

The scores indicated are required for all programs offered in a direct-entry faculty. Even if you achieve the required score, we reserve the right to ask you to take language courses if we feel that your knowledge of one of Canada's two official languages is not satisfactory.

The English 4U course, or its equivalent, is still a program prerequisite. Please note that even if you obtain the required score, we cannot guarantee admission. Test scores are valid for two years. If you retake a test, we will use your most recent score.

The test centre must send us the official results directly online. Be sure to include the University of Ottawa institution code (0993) when completing your test.

TEST REQUIRED	MINIMUM SCORE	MINIMUM SCORE FOR CONDITIONAL ADMISSION WITH ENROLMENT IN THE ENGLISH INTENSIVE PROGRAM
TOEFL internet based	Overall score of 86 and writing score of 22	Overall score of 60 and writing score of 20 or Overall score of 70 and writing score of 16
IELTS	Overall score of 6.5 and writing score of 6.5	Overall score of 4.5 and writing score of 5 or Overall score of 5 and writing score of 4.5

Check the full list of acceptable language tests and exemptions: **uOttawa.ca/viewbook/language**

WHAT IF MY LANGUAGE TEST SCORE ISN'T HIGH ENOUGH?

Depending on your scores, you could be admitted with language conditions. If your score is below the required score, you could be conditionally admitted to your academic program so long as you enrol in one or two English-as-a-second-language courses during first year or undertake to complete the **English Intensive Program** (EIP). If you pass the most advanced EIP course (ESL 0140) with a final grade of B or better, you don't have to take one of the language tests.

The EIP is a great way to improve your English language skills or to transition to enrolment at the University of Ottawa. Each year, it helps more than 1,000 students from over 35 countries improve their English listening, reading, speaking and writing skills. The program also includes weekly activities that introduce international students to Canadian culture and encourage you to socialize with your peers.

Please note that students who have applied to the Telfer School of Management cannot be considered for a conditional offer of admission with the English Intensive Program.

eip.uOttawa.ca

ONTARIO

GENERAL PREREQUISITES AND REQUIREMENTS

Before submitting an application, be sure you meet or will meet all admissions requirements:

- You have obtained or are in the process of obtaining your secondary school diploma.
- You are registered for at least six courses at the 4U, 4M or DU level.
- You are registered for all 4U-level courses required for the program unless otherwise specified (see tables on pages 61 to 64).
- You have the minimum average required and meet any language requirements (see page 60 for additional details on language requirements).

REQUIRED AVERAGE

Your admission average, which is also used to determine your eligibility for admission scholarships, is based on your six best interim or final grades in 4U, 4M or DU courses, including the prerequisites for your chosen program.

Please note that the requirements listed in the tables on pages 61 to 64 are minimum requirements only and are subject to change.

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Art History	• English 4U or *Français* 4U	Mid 70s
Arts in Interdisciplinary Studies		
Communication		
Communication et lettres françaises (offered in French only)		
Communication and Political Science (BA)		
Communication and Sociology (BA)		
Digital Journalism (joint program with Algonquin College)		
English (offered in English only)		
Ethics and Political Philosophy		
Geography		
Greek and Roman Studies		
History		
History and Political Science (BA)		
Indigenous Studies		
Lettres françaises (offered in French only)		
Lettres françaises (BA) *et éducation* (BEd) (offered in French only)		
Linguistics		
Medieval and Renaissance Studies		
Music (BA)		
Philosophy		
Philosophy and Political Science (BA)		
Psychology and Linguistics (BA)		
Public Relations (joint program with Algonquin College)		
Religious Studies		
Theatre		
World Languages and Cultures		

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 61 for additional information regarding admission averages and general requirements.

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Acting (BFA)	• English 4U or *Français* 4U • Auditions • Letter of motivation	Mid 70s
English as a Second Language (offered in English only to non-Anglophones)	• *Français* 4U	
Environmental Studies	• English 4U or *Français* 4U • Students who have not completed Biology 4U must take a replacement course at the University during their first term.	
French as a Second Language (offered in French only to non-Francophones)	• English 4U	
Music (BMus)	• English 4U or *Français* 4U • Audition	
Second Language Teaching (ESL or FLS)	• English 4U or *Français* 4U • Entrance examination	
Translation		
Visual Arts (BA or BFA)	• English 4U or *Français* 4U • Portfolio	
Physical Geography and Geomatics	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Biology 4U • Chemistry 4U • Physics 4U • A minimum combined average of 70% is required for all prerequisite courses in science and mathematics. • Students who do not have Calculus and Vectors 4U or one of the science prerequisites (biology, chemistry or physics) can take the replacement course at the University either the summer before or during their first term.	
Music (BMus) and Science (BSc) — Biochemistry, Biology, Chemistry, Computer Science, Geology, Mathematics, Physics, Statistics	• English 4U or *Français* 4U • Audition • Prerequisites for chosen major in science	Low 80s

TELFER SCHOOL OF MANAGEMENT

Students who do not have Calculus and Vectors 4U can take the replacement course at the University either the summer before or during their first term.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Accounting	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U	Low 80s
Business Technology Management		
Finance		
Healthcare Analytics		
Human Resource Management		
International Management		
Management		
Marketing		
Commerce (BCom) and Juris Doctor (JD) (offered in French only)	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U	Mid 80s

FACULTY OF SOCIAL SCIENCES

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Anthropology	• English 4U or *Français* 4U	Mid 70s
Anthropology and Sociology		
Communication and Political Science (BSocSc)		
Communication and Sociology (BSocSc)		
Conflict Studies and Human Rights		
Criminology		
Criminology and Feminist and Gender Studies		
Feminist and Gender Studies		
Feminist and Gender Studies and Political Science		
Feminist and Gender Studies and Sociology		
History and Political Science (BSocSc)		
International Development and Globalization		

FACULTY OF SOCIAL SCIENCES

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
International Studies and Modern Languages Philosophy and Political Science (BSocSc) Political Science Psychology (BA) Public Administration Public Administration and Political Science Social Sciences Social Work (offered in French only) Sociology	• English 4U or *Français* 4U	Mid 70s
Economics Economics and Political Science Economics and Public Policy Environmental Economics and Public Policy International Economics and Development	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U is strongly recommended.	
Psychology (BSc)	• English 4U or *Français* 4U • Advanced Functions 4U • Two of the following: Biology 4U, Chemistry 4U, Physics 4U, Calculus and Vectors 4U • Calculus and Vectors 4U is strongly recommended. • A minimum combined average of 70% is required for all prerequisite courses in science and mathematics.	
Mathematics and Economics (BSocSc)	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • A minimum combined average of 70% is required for all prerequisite courses in mathematics. • Students who do not have Calculus and Vectors 4U can take the replacement course at the University either the summer before or during their first term.	Low 80s
Political Science (BSocSc) and Juris Doctor (JD) (offered in French only)	• English 4U or *Français* 4U	Mid 80s

FACULTY OF ENGINEERING

A minimum combined average of 70% is required for all prerequisite courses in science and mathematics, except in Software Engineering, where a minimum of 70% is required for each prerequisite course.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Computer Science (BSc) Computer Science and Mathematics (BSc)	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U	Mid 80s
Data Science		Low 90s
Computer Engineering	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Chemistry 4U • Physics 4U	Mid 80s
Electrical Engineering Electrical Engineering (BASc) and Computing Technology (BSc) Chemical Engineering Chemical Engineering (BASc) and Computing Technology (BSc) Civil Engineering Civil Engineering (BASc) and Computing Technology (BSc) Mechanical Engineering Mechanical Engineering (BASc) and Computing Technology (BSc)		Low 80s
Software Engineering	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • One of the following: Biology 4U, Chemistry 4U, Computer Science 4U, Physics 4U • CO-OP is mandatory	Mid to High 80s
Biomedical Mechanical Engineering (BASc) Biomedical Mechanical Engineering (BASc) and Computing Technology (BSc)	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Biology 4U • Chemistry 4U • Physics 4U	

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 61 for additional information regarding admission averages and general requirements.

FACULTY OF HEALTH SCIENCES

Past experience indicates that students with a strong background in biology, chemistry and physics have an increased rate of success.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS		AVERAGE
Food and Nutrition Sciences with option in Food Sciences	• English 4U or *Français* 4U • Biology 4U • Chemistry 4U	• One Mathematics 4U course • A minimum average of 65% is required in the chemistry prerequisite course.	High 70s
Food and Nutrition Sciences with option in Nutrition Sciences (offered in French only for bilingual students)	• English 4U or Français 4U • Biology 4U • Chemistry 4U • One Mathematics 4U course	• A minimum average of 65% is required in the chemistry prerequisite course. • A language proficiency test	Mid 70s
Health Sciences	• English 4U or *Français* 4U • Biology 4U • Chemistry 4U	• One of the following: Advanced Functions 4U, Calculus and Vectors 4U, Physics 4U	Low 80s
Human Kinetics (BScHK) — Emphasis on biophysical sciences	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Biology 4U • One of the following: Chemistry 4U, Physics 4U, Physics 3U	*Students who do not have Calculus and Vectors 4U can take the replacement course at the University either the summer before or during their first term.*	
Human Kinetics (BHK) — Emphasis on social sciences	• English 4U or *Français* 4U • One Mathematics 4U course • Two of the following: Biology 4U, Chemistry 4U, Physics 4U, Physics 3U	*Students who do not have the mathematics prerequisite can take the replacement course at the University either the summer before or during their first term.*	High 70s
Integrated Food Sciences (in partnership with Le Cordon Bleu)	• English 4U or *Français* 4U • Biology 4U • Chemistry 4U • Advanced Functions 4U	• Letter of motivation • A minimum average of 65% is required in the chemistry prerequisite course.	Low 80s
Nursing	• English 4U or *Français* 4U • Biology 4U • Chemistry 4U • One of the following: Functions 3M or Functions 3U or one Mathematics 4U course	• A minimum average of 65% is required for each prerequisite course.	Offered at three different campuses: Admission averages. Ottawa: High 80s Algonguin College (Woodroffe campus): Mid 80s Algonguin College (Pembroke campus): Low 80s

FACULTY OF SCIENCE

A minimum combined average of 70% is required for all prerequisite courses in science and mathematics. Students who do not have Calculus and Vectors 4U can take the replacement course at the University either the summer before or during their first term. Past experience indicates that students with a strong background in biology, chemistry and physics have an increased rate of success. See the list of recommended high school courses in science on the Faculty of Science website at **science.u0ttawa.ca/en/recommended-courses**.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Biochemistry Biology Biopharmaceutical Science Chemistry Environmental Geoscience Environmental Science Geology Geology-Physics Ophthalmic Medical Technology Physics Physics-Mathematics	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Two of the following: Biology 4U, Chemistry 4U, Physics 4U, Earth and Space Science 4U	Low 80s
Physics (BSc) and Electrical Engineering (BASc)	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Chemistry 4U • Physics 4U	
Financial Mathematics and Economics (BSc) Mathematics Mathematics and Economics (BSc) Statistics	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U	
Biochemistry (BSc) and Chemical Engineering (BASc) (Biotechnology) Biomedical Science	• English 4U or *Français* 4U • Advanced Functions 4U • Calculus and Vectors 4U • Two of the following: Biology 4U, Chemistry 4U, Physics 4U, Earth and Space Science 4U	Mid 80s

QUEBEC – SECONDARY V

GENERAL PREREQUISITES AND REQUIREMENTS

Before applying, be sure you meet or will meet all admissions requirements:

- You have obtained or are in the process of obtaining your secondary school diploma.
- You are registered for at least five Secondary V courses.
- You are registered for all courses required for your program unless otherwise specified (see tables on pages 65 to 68).
- You will have the minimum average required.
- You meet any language requirements (see page 60 for additional details on the language requirements).

REQUIRED AVERAGE

Your admission average, which is also used to determine your eligibility for admission scholarships, is based on your five best Secondary V courses, including the prerequisites for your chosen program. A minimum average of 84% is required for most programs at the University of Ottawa. When a prerequisite is a Secondary IV course, this course must have been successfully completed, but its result is not calculated in the admission average.

Please note that the requirements listed in the tables on pages 65 to 68 are minimum requirements only and are subject to change. Meeting these minimum admission averages does not guarantee admission.

QUESTIONS ON ADMISSIONS OR PROGRAMS?

Check out our series of virtual information sessions and useful webinars to find out everything you need to know.
Stay tuned for new uOttawa events near you starting in 2021!

Visit uOttawa.ca/events for details.

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Art History	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)*	84%
Arts in Interdisciplinary Studies		
Communication		
Communication et lettres françaises (offered in French only)		
Communication and Political Science (BA)		
Communication and Sociology (BA)		
Digital Journalism (joint program with Algonquin College)		
English (offered in English only)		
Environmental Studies		
Ethics and Political Philosophy		
Geography		
Greek and Roman Studies		
History		
History and Political Science (BA)		
Indigenous Studies		
Lettres françaises (offered in French only)		
Lettres françaises (BA) *et éducation* (BEd) (offered in French only)		
Linguistics		
Medieval and Renaissance Studies		

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 65 for additional information regarding admission averages and general requirements.

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Music (BA)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)*	84%
Philosophy		
Philosophy and Political Science (BA)		
Psychology and Linguistics (BA)		
Public Relations (joint program with Algonquin College)		
Religious Studies		
Theatre		
World Languages and Cultures		
Acting (BFA)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Auditions • Letter of motivation	
English as a Second Language (offered in English only to non-Anglophones)	• *Français, langue d'enseignement (5e sec.)*	
French as a Second Language (offered in French only to non-Francophones)	• English, Language Arts (Sec. V)	
Physical Geography and Geomatics	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V) • Science and Technology (with or without option) (Sec. IV) • A minimum combined average of 84% is required for all Secondary V prerequisite courses in science and mathematics. • Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.	
Music (BMus)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Audition	
Music (BMus) and Science (BSc) - Biochemistry, Biology, Chemistry, Computer Science, Geology, Mathematics, Physics, Statistics	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Audition • Prerequisites for chosen major in science	
Second Language Teaching (ESL or FLS)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Entrance examination	
Translation		
Visual Arts (BA or BFA)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Portfolio	

TELFER SCHOOL OF MANAGEMENT

Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Accounting	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V)	84%
Business Technology Management		
Finance		
Healthcare Analytics		
Human Resource Management		
International Management		
Management		
Marketing		
Commerce (BCom) and Juris Doctor (JD) (offered in French only)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V)	85%

FACULTY OF SOCIAL SCIENCES

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Anthropology	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)*	84%
Anthropology and Sociology		
Communication and Political Science (BSocSc)		
Communication and Sociology (BSocSc)		
Conflict Studies and Human Rights		
Criminology		

FACULTY OF SOCIAL SCIENCES

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Criminology and Feminist and Gender Studies Feminist and Gender Studies Feminist and Gender Studies and Political Science Feminist and Gender Studies and Sociology History and Political Science (BSocSc) International Development and Globalization International Studies and Modern Languages Philosophy and Political Science (BSocSc) Political Science Psychology (BA) Public Administration Public Administration and Political Science Social Sciences Social Work (offered in French only) Sociology	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)*	84%
Economics Economics and Political Science Economics and Public Policy Environmental Economics and Public Policy International Economics and Development	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) *Students may be required to take one mathematics make-up course at the University either the summer before or during their first year.*	
Psychology (BSc)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V) • Science and Technology (with or without option) (Sec. IV) *Students may be required to take one mathematics make-up course at the University either the summer before or during their first year.*	
Mathematics and Economics (BSocSc)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* Mathematics Technical and Scientific option or Science option (Sec. V) • A minimum average of 84% is required for the prerequisite course in mathematics. *Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.*	
Political Science (BSocSc) and Juris Doctor (JD) (offered in French only)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)*	85%

FACULTY OF ENGINEERING

A minimum combined average of 84% is required for all prerequisite courses in science and mathematics.
Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Biomedical Mechanical Engineering (BASc) Biomedical Mechanical Engineering (BASc) and Computing Technology (BSc)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V) • Science and Technology (with or without option) (Sec. IV)	84%
Computer Science (BSc) Computer Science and Mathematics (BSc) Data Science	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V)	
Chemical Engineering Chemical Engineering (BASc) and Computing Technology (BSc) Civil Engineering Civil Engineering (BASc) and Computing Technology (BSc) Computer Engineering Electrical Engineering Electrical Engineering (BASc) and Computing Technology (BSc) Mechanical Engineering Mechanical Engineering (BASc) and Computing Technology (BSc)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V)	
Software Engineering	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • One of the following: Science and Technology (with or without option) (Sec. IV), Chemistry (Sec. V), Physics (Sec. V) • CO-OP is mandatory	

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 65 for additional information regarding admission averages and general requirements.

FACULTY OF HEALTH SCIENCES

Past experience indicates that students with a strong background in biology, chemistry and physics have an increased rate of success.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Food and Nutrition Sciences with option in Food Sciences	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Science and Technology (with or without option) (Sec. IV)	84%
Food and Nutrition Sciences with option in Nutrition Sciences (offered in French only for bilingual students)	• English, Language Arts (Sec. V) or Français, langue d'enseignement (5e sec.) • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Science and Technology (with or without option) (Sec. IV) • A language proficiency test	
Health Sciences	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Chemistry (Sec. V) • Science and Technology (with or without option) (Sec. IV) • One of the following: Physics (Sec. V), Mathematics Technical and Scientific option or Science option (Sec. V)	
Human Kinetics (BScHK) — Emphasis on biophysical sciences	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Science and Technology (with or without option) (Sec. IV) • One of the following: Chemistry (Sec. V), Physics (Sec. V) *Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.*	
Human Kinetics (BHK) — Emphasis on social sciences	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Two of the following: Science and Technology (with or without option) (Sec. IV), Chemistry (Sec. V), Physics (Sec. V)	
Integrated Food Sciences (in partnership with Le Cordon Bleu)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option (Sec. V) or Science option (Sec. V) • Chemistry (Sec. V) • Science and Technology (with or without option) (Sec. IV) • Letter of motivation	
Nursing (offered at three different campuses: Ottawa, Algonquin College (Woodroffe campus) and Algonquin College (Pembroke campus)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Science and Technology (with or without option) (Sec. IV)	

FACULTY OF SCIENCE

A minimum combined average of 84% is required for all Secondary V prerequisite courses in science and mathematics. Students may be required to take up to two mathematics make-up courses at the University either the summer before or during their first year.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Biochemistry Biochemistry (BSc) and Chemical Engineering (BASc) (Biotechnology) Biology Biopharmaceutical Science Chemistry Environmental Geoscience Environmental Science Geology Geology-Physics Ophthalmic Medical Technology Physics Physics-Mathematics Physics (BSc) and Electrical Engineering (BASc)	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V) • Science and Technology (with or without option) (Sec. IV)	84%
Financial Mathematics and Economics (BSc) Mathematics Mathematics and Economics (BSc) Statistics	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V)	
Biomedical Science	• English, Language Arts (Sec. V) or *Français, langue d'enseignement (5e sec.)* • Mathematics Technical and Scientific option or Science option (Sec. V) • Chemistry (Sec. V) • Physics (Sec. V) • Science and Technology (with or without option) (Sec. IV)	

QUEBEC – CEGEP

GENERAL PREREQUISITES AND REQUIREMENTS

Before submitting an application, be sure you meet or will meet all admissions requirements:

- You have a minimum of 12 successfully completed CEGEP courses, excluding make-up courses.
- You meet or will meet any program requirements (see tables on pages 69 to 73).
- You will have the minimum average required.
- You meet any language requirements (see page 60 for additional details on the language requirements).

If you are missing a CEGEP prerequisite, but have completed its Secondary V equivalent, you must provide us with your achievement record. You must have a grade of at least 80% in this course. If the prerequisite is Mathematics (201), you might have to take up to two mathematics make-up courses at the University during the summer before your first term or during your first year.

REQUIRED AVERAGE

Your admission average, which is also used to determine your eligibility for admission scholarships, is based on all your completed CEGEP courses, including failed courses, but excluding make-up courses. Please note that all CEGEP courses failed with a final grade lower than 50% are rounded up to 50% for the calculation of your admission average. We do not take the R score into consideration.

If you have successfully completed between 12 and 16 CEGEP courses (excluding make-up courses), the University may require a higher admission average.

Please note that the requirements listed in the tables on pages 69 to 73 are minimum requirements only and are subject to change. Meeting these minimum admission averages does not guarantee admission.

ADVANCED STANDING

You can receive up to 15 units of advanced standing (5 courses) if you've successfully completed 12 CEGEP courses (excluding make-up courses). If you've completed more than 12 CEGEP courses, you may be eligible to receive up to 30 units of advanced standing (10 courses), which usually represents one year of study at the university level. Awarding of advanced standing is dependent on the courses you've completed, the grades you've achieved and the program to which you're admitted.

If you receive advanced standing, you must adjust your course sequence. This will help you avoid taking a course you have already received advanced standing for and ensure you remain a full-time student, so that you don't unnecessarily prolong your studies. We strongly suggest that you contact the Enrolment Help Centre in May — before course enrolment begins — to get help developing your course sequence.

QUESTIONS ON ADMISSIONS OR PROGRAMS?

Check out our series of virtual information sessions and useful webinars to find out everything you need to know.
Stay tuned for new uOttawa events near you starting in 2021!

Visit uOttawa.ca/events for details.

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Art History	• English (603) or *Français* (601)	Mid 60s
Arts in Interdisciplinary Studies		
Communication		
Communication et lettres françaises (offered in French only)		
Communication and Political Science (BA)		
Communication and Sociology (BA)		
Digital Journalism (joint program with Algonquin College)		
English (offered in English only)		
Environmental Studies		

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 69 for additional information regarding admission averages and general requirements.

FACULTY OF ARTS

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Ethics and Political Philosophy	• English (603) or *Français* (601)	Mid 60s
Geography		
Greek and Roman Studies		
History		
History and Political Science (BA)		
Indigenous Studies		
Lettres françaises (offered in French only)		
Lettres françaises (BA) *et éducation* (BEd) (offered in French only)		
Linguistics		
Medieval and Renaissance Studies		
Music (BA)		
Philosophy		
Philosophy and Political Science (BA)		
Psychology and Linguistics (BA)		
Public Relations (joint program with Algonquin College)		
Religious Studies		
Theatre		
World Languages and Cultures		
Acting (BFA)	• English (603) or *Français* (601) • Auditions • Letter of motivation	
English as a Second Language (offered in English only to non-Anglophones)	• *Français* (601)	
French as a Second Language (offered in French only to non-Francophones)	• English (603)	
Music (BMus)	• English (603) or *Français* (601) • Audition	
Music (BMus) and Science (BSc) - Biochemistry, Biology, Chemistry, Computer Science, Geology, Mathematics, Physics, Statistics	• English (603) or *Français* (601) • Audition • Prerequisites for chosen major in science	
Second Language Teaching (ESL or FLS)	• English (603) or *Français* (601) • Entrance examination	
Translation		
Visual Arts (BA or BFA)	• English (603) or *Français* (601) • Portfolio	
Physical Geography and Geomatics	• English (603) or *Français* (601) • Mathematics (201) Calculus 1 • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • Physics (203) Mechanics or Electricity and Magnetism • A minimum combined average of 70% is required for all prerequisite courses in science and mathematics. Students who are missing one of the mathematics or science prerequisites can take the make-up course at the University either the summer before or during their first term.	

FACULTY OF LAW, CIVIL LAW SECTION

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Civil Law (offered in French only)	• Diploma of Collegial Studies (DCS) with a average of 80% or a minimum of one year of university studies (30 units) with an A- average. *See admission requirements on page 51.*	80%
Civil Law (LLL) and International Development and Globalization (BSocSc) (offered in French only)		

TELFER SCHOOL OF MANAGEMENT

If you have not taken Mathematics (201) but you passed the Mathematics Technical and Scientific option or Science option in Secondary V, you must take up to two mathematics make-up courses at the University during the summer before your first term or during your first year.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Accounting Business Technology Management Finance Healthcare Analytics Human Resource Management International Management Management Marketing	• English (603) or *Français* (601) • Mathematics (201) Calculus I	Low 70s
Commerce (BCom) and Juris Doctor (JD) (offered in French only)	• English (603) or *Français* (601) • Mathematics (201) Calculus I	Low 80s

FACULTY OF SOCIAL SCIENCES

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Anthropology Anthropology and Sociology Communication and Political Science (BSocSc) Communication and Sociology (BSocSc) Conflict Studies and Human Rights Criminology Criminology and Feminist and Gender Studies Feminist and Gender Studies Feminist and Gender Studies and Political Science Feminist and Gender Studies and Sociology History and Political Science (BSocSc) International Development and Globalization International Studies and Modern Languages Philosophy and Political Science (BSocSc) Political Science Psychology (BA) Public Administration Public Administration and Political Science Social Sciences Sociology	• English (603) or *Français* (601)	Mid 60s
Economics Economics and Political Science Economics and Public Policy Environmental Economics and Public Policy International Economics and Development	• English (603) or *Français* (601) • Mathematics (201) Calculus I *If you did not complete Mathematics (201) but you completed Mathematics Technical and Scientific option or Science option in Secondary V, you will be required to take one make-up course at the University the summer before or during your first year.*	
Psychology (BSc)	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Two of the following: Biology (101) General Biology, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Mathematics (201) Algebra I • A minimum average of 70% is required for prerequisite courses in science and mathematics. *If you did not complete Mathematics (201) but you completed Mathematics Technical and Scientific option or Science option in Secondary V, you will be required to take one make-up course at the University the summer before or during your first year.*	
Mathematics and Economics (BSocSc)	• English (603) or *Français* (601) • Mathematics (201) Calculus I • A minimum average of 70% is required for the prerequisite course in mathematics. *If you did not complete Mathematics (201) but you completed Mathematics Technical and Scientific option or Science option in Secondary V, you will be required to take up to two make-up courses at the University the summer before or during your first year.*	
Political Science (BSocSc) and Juris Doctor (JD) (offered in French only)	• English (603) or *Français* (601)	Low 80s
Social Work (offered in French only)	• English (603) or *Français* (601)	Mid 70s

ADMISSION PREREQUISITES AND REQUIREMENTS BY FACULTY

See page 69 for additional information regarding admission averages and general requirements.

FACULTY OF ENGINEERING

A minimum combined average of 70% is required for all prerequisite courses in science and mathematics, except in Software Engineering, where a minimum of 70% is required for each prerequisite course. If you did not complete Mathematics (201) but you completed Mathematics Technical and Scientific option or Science option in Secondary V, you will be required to take up to two make-up courses at the University the summer before or during your first year.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Computer Science (BSc) Computer Science and Mathematics (BSc) Data Science	• English (603) or *Français* (601) • Mathematics (201) Calculus I	Mid 70s
Computer Engineering Electrical Engineering Electrical Engineering (BASc) and Computing Technology (BSc)	• English (603) or *Français* (601) • Chemistry (202) General Chemistry or Organic Chemistry • Physics (203) Mechanics or Electricity and Magnetism • Mathematics (201) Calculus I	Low 70s
Software Engineering	• English (603) or *Français* (601) • Mathematics (201) Calculus I • One of the following: Biology (101) General Biology I, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism • CO-OP is mandatory	Mid 70s
Chemical Engineering Chemical Engineering (BASc) and Computing Technology (BSc) Civil Engineering Civil Engineering (BASc) and Computing Technology (BSc) Mechanical Engineering Mechanical Engineering (BASc) and Computing Technology (BSc)	• English (603) or *Français* (601) • Chemistry (202) General Chemistry or Organic Chemistry • Physics (203) Mechanics or Electricity and Magnetism • Mathematics (201) Calculus I	Mid 70s
Biomedical Mechanical Engineering (BASc) Biomedical Mechanical Engineering (BASc) and Computing Technology (BSc)	• English (603) or *Français* (601) • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • Physics (203) Mechanics or Electricity and Magnetism • Mathematics (201) Calculus I	Mid 70s

FACULTY OF HEALTH SCIENCES

Past experience indicates that students with a strong background in biology, chemistry and physics have an increased rate of success.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Food and Nutrition Sciences with option in Food Sciences	• English (603) or *Français* (601) • Mathematics (201) Calculus 1 or Secondary V Mathematics • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • A minimum grade of 65% is required in chemistry.	Low 70s
Food and Nutrition Sciences with option in Nutrition Sciences (offered in French only for bilingual students)	• English (603) or Français (601) • Mathematics (201) Calculus 1 or Secondary V Mathematics • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • A minimum grade of 65% is required in chemistry. • A language proficiency test	
Health Sciences	• English (603) or *Français* (601) • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • One of the following: Physics (203) Mechanics or Electricity and Magnetism, Mathematics (201) Calculus I, Mathematics (201) Algebra I, Secondary V Mathematics	
Human Kinetics (BScHK) — Emphasis on biophysical sciences	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Biology (101) General Biology • One of the following: Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Secondary V-level Physics *If you did not complete Mathematics (201) but you completed Mathematics Technical and Scientific option or Science option in Secondary V, you will be required to take up to two make-up courses at the University the summer before or during your first year.*	
Human Kinetics (BHK) — Emphasis on social sciences	• English (603) or *Français* (601) • Mathematics (201) Calculus I or Secondary V Mathematics • Two of the following: Biology (101) General Biology, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Secondary V-level Physics	
Integrated Food Sciences (in partnership with Le Cordon Bleu)	• English (603) or *Français* (601) • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • Mathematics (201) Calculus 1 or Secondary V Mathematics • Letter of motivation • A minimum average of 65% is required in the chemistry prerequisite course.	

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Nursing	• English (603) or *Français* (601) • Biology (101) General Biology • Chemistry (202) General Chemistry or Organic Chemistry • Mathematics (201), Calculus 1 or Secondary V Mathematics • A minimum grade of 65% is required in prerequisite courses.	Offered at three different campuses. Admission averages vary. Ottawa: Low 80s Algonguin College (Woodroffe campus): Low 80s Algonguin College (Pembroke campus): Mid 70s

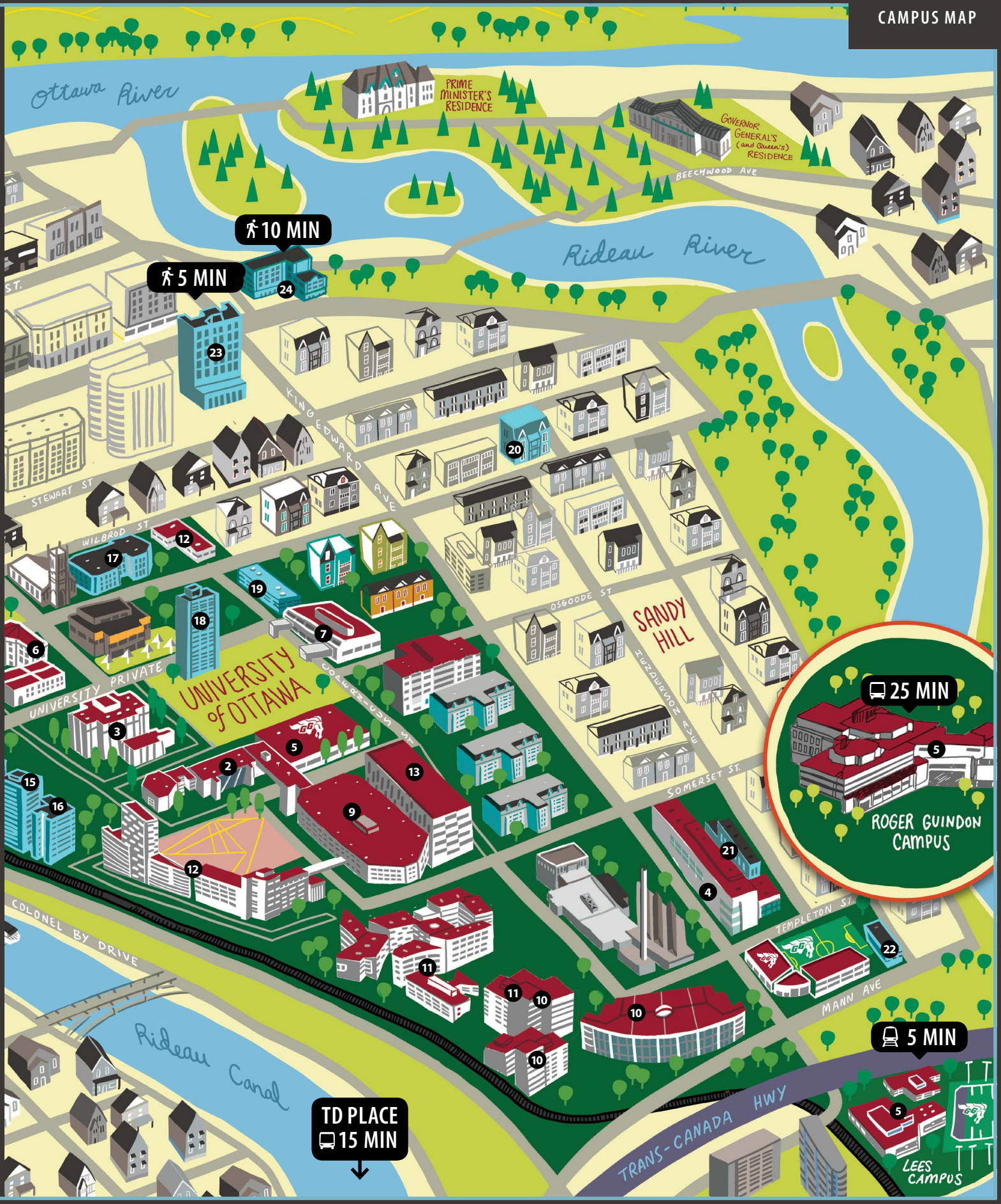
FACULTY OF SCIENCE

A minimum combined average of 70% is required for all prerequisite courses in science and mathematics. Students who are missing the mathematics prerequisite are required to take up to two replacement courses at the University the summer before or during their first year. Past experience indicates that students with a strong background in biology, chemistry and physics have an increased rate of success. See the list of recommended CEGEP courses in science at **science.uOttawa.ca/en/recommended-courses**.

DISCIPLINE	PREREQUISITES AND OTHER REQUIREMENTS	AVERAGE
Biochemistry	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Two of the following: Biology (101) General Biology, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Mathematics (201) Algebra I	Mid 60s
Biology		
Biopharmaceutical Science		
Chemistry		
Environmental Geoscience		
Environmental Science		
Geology		
Geology-Physics		
Ophthalmic Medical Technology		
Physics		
Physics-Mathematics		
Financial Mathematics and Economics (BSc)	• English (603) or *Français* (601) • Mathematics (201) Calculus I	
Mathematics		
Mathematics and Economics (BSc)		
Statistics		
Physics (BSc) and Electrical Engineering (BASc)	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Chemistry (202) General Chemistry or Organic Chemistry • Physics (203) Mechanics or Electricity and Magnetism	Low 70s
Biochemistry (BSc) and Chemical Engineering (BASc) (Biotechnology)	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Two of the following: Biology (101) General Biology, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Mathematics (201) Algebra I	Low 70s
Biomedical Science	• English (603) or *Français* (601) • Mathematics (201) Calculus I • Two of the following: Biology (101) General Biology, Chemistry (202) General Chemistry or Organic Chemistry, Physics (203) Mechanics or Electricity and Magnetism, Mathematics (201) Algebra I	Mid 70s

1 Tabaret Hall (InfoAdmission)
2 University Centre
3 Main library (Morisset)
4 Advanced Research Complex
5 Health Sciences and Medicine
6 Arts
7 Law
8 Management (Telfer)
9 Education
10 Engineering
11 Science
12 Social Sciences

CAMPUS MAP



13 Learning Centre	15 Stanton	17 Hyman-Soloway	19 Leblanc	21 Henderson	23 Rideau	Residences	Campus
14 90 University	16 Marchand	18 Thompson	20 Annex	22 Mann	24 Friel	Classrooms	Sports facilities