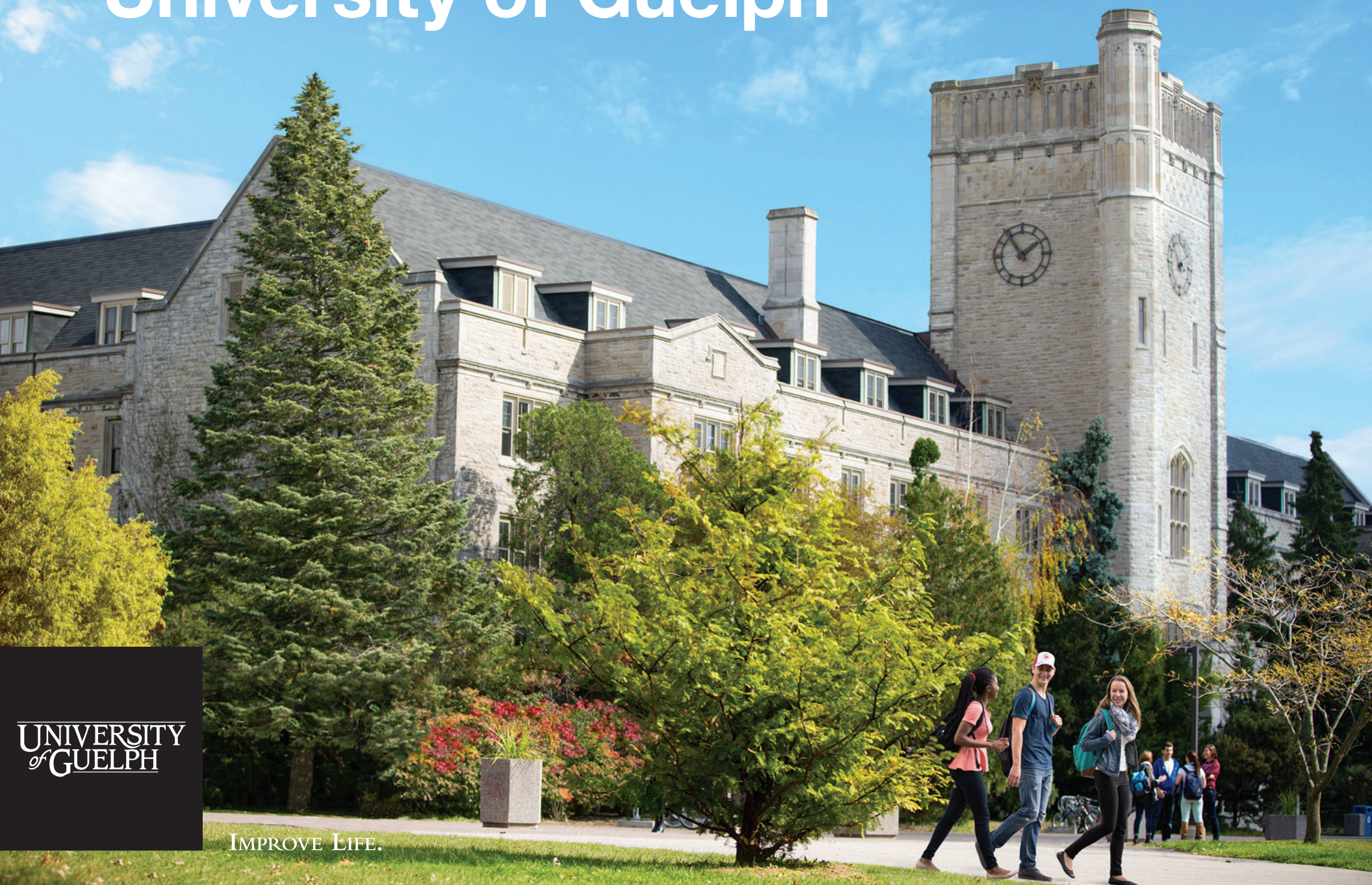


# Find Yourself at the University of Guelph



UNIVERSITY  
of GUELPH

IMPROVE LIFE.

**You're not a  
number. You're  
a Gryphon.**

**Now more than ever (especially after the year we've all had!), going to university means more than getting an education. It means connecting on campus with your peers, being supported academically, financially, socially and knowing we've got your back. At the University of Guelph, it means being part of a university community that has been ranked the best in Canada for student satisfaction — because you're not a number, you're a Gryphon.**

**At U of G, our mission is to “Improve Life” — we'd like to start with yours.**

# We Acknowledge

The University of Guelph resides on the land of the Between the Lakes Treaty No. 3, the territory of the Mississaugas of the Credit. This land is part of the Dish with One Spoon, a covenant between Indigenous nations to live peaceably on the territories of the Great Lakes region. We recognize that today this gathering place is home to many First Nations, Inuit and Métis peoples and acknowledging them reminds us of our responsibility to the land where we learn, live and work.



# Table of Contents

---

## Student Services

Programs by Theme . . . . .	6
Where is U of G? . . . . .	8
Coming to U of G . . . . .	10
Your Supportive Community . . . . .	12
Living on Campus . . . . .	14
Dining on Campus . . . . .	16
Getting Involved . . . . .	18
Experiential Learning . . . . .	22
Co-operative Education . . . . .	23
International Learning . . . . .	24
After You Graduate . . . . .	26
Building Your Degree . . . . .	28

---

## Degree Programs

Academic Terms and Definitions . . . . .	29
Bachelor of Arts . . . . .	30
Bachelor of Arts and Sciences . . . . .	36
Bachelor of Applied Science . . . . .	38
Bachelor of Bio-Resource Management . . . . .	40
Bachelor of Computing . . . . .	42
Bachelor of Commerce . . . . .	44
Bachelor of Engineering . . . . .	48
Bachelor of Indigenous Environmental Science and Practice . . . . .	52
Bachelor of Landscape Architecture . . . . .	54
Bachelor of One Health . . . . .	56
Bachelor of Science in Agriculture . . . . .	58
Bachelor of Science in Environmental Sciences . . . . .	60
Bachelor of Science . . . . .	62
Doctor of Veterinary Medicine . . . . .	68
Associate Diplomas . . . . .	70
University of Guelph-Humber . . . . .	74

---

## Admission and Finance

Admission Requirements–Ontario . . . . .	78
Admission Requirements–National . . . . .	80
How to Apply . . . . .	82
Admission Plan–Timing of Offers . . . . .	88
Financing Your Education . . . . .	90
Scholarships . . . . .	92
Costs . . . . .	93
Important Dates . . . . .	94
Our Campus . . . . .	96
COVID-19 and Its Impact . . . . .	98
Connect With Us . . . . .	99
Visit and Connect With Us . . . . .	Back Cover

# Programs by Theme

Review the headings to find your area of interest and then narrow it down to the options open to you.

## Animal Health

Animal Biology	62
Animal Science	58
Bio-Medical Science	64
Doctor of Veterinary Medicine	68
Equine Management	40
Marine and Freshwater Biology	66
One Health	56
Wildlife Biology and Conservation	67
Zoology	67

## Art, Design, and Performance

Art History	30
Computer Science	42
Creative Writing	30
Culture and Technology Studies	32
Landscape Architecture	54
Music	34
Software Engineering	42
Studio Art	34
Theatre Studies	34

## Arts, Humanities and Social Sciences

Anthropology	30
Art History	30
Arts and Sciences	36
Classical Studies	30
Creative Writing	30
Criminal Justice and Public Policy	32
Culture and Technology Studies	32
Economics	32
English	32
Environmental Governance	32
European Studies	32
Food, Agricultural and Resource Economics	32
French Studies	33
Geography	33
History	33
International Development Studies	33
Justice and Legal Studies	33
Justice Studies (GH)	75
Mathematical Economics	33
Mathematical Science	33
Music	34
One Health	56
Philosophy	34
Political Science	34

Psychology	34
Psychology (GH)	75
Sexualities, Genders and Social Change	34
Sociology	34
Studio Art	34
Theatre Studies	34

## Business and Management

Accounting	45
Business (GH)	75
Economics	32
Environmental Economics and Policy	61
Environmental Management	40
Equine Management	40
European Studies	32
Food, Agricultural and Resource Economics	32
Food and Agricultural Business	45
Food Industry Management	41
Government, Economics and Management	46
International Development Studies	33
Management	46
Management Economics and Finance	46
Marketing Management	46
Mathematical Economics	33
Media Studies (GH)	75
Real Estate	46
Sport and Event Management	46

## Engineering and Technology

Biological Engineering	48
Biomedical Engineering	48
Computer Engineering	48
Computer Science	42
Culture and Technology Studies	32
Engineering Systems and Computing	49
Environmental Engineering	49
Environmental Geomatics	65
Mechanical Engineering	50
Nanoscience	66
Physical Science	67
Physics	67
Software Engineering	42
Theoretical Physics	67
Water Resources Engineering	50

## Environment

Biodiversity	.63
Crop Science	.58
Ecology	.60
Environmental Biology	.65
Environmental Economics and Policy	.60
Environmental Engineering	.49
Environmental Geomatics	.65
Environmental Governance	.32
Environmental Management	.40
Environment and Resource Management	.60
Environmental Sciences	.61
Geography	.33
Horticulture	.59
Indigenous Environmental Science and Practice	.52
International Development Studies	.33
Marine and Freshwater Biology	.66
One Health	.56
Plant Science	.67
Water Resources Engineering	.50
Wildlife Biology and Conservation	.67

## Food

Applied Human Nutrition	.38
Crop Science	.58
Food, Agricultural and Resource Economics	.32
Food and Agricultural Business	.45
Food Industry Management	.41
Food Science	.66
Honours Agriculture	.58
Horticulture	.59
Nutritional and Nutraceutical Sciences	.67
One Health	.56
Plant Science	.67

## Human Health

Applied Human Nutrition	.38
Biochemistry	.62
Biological and Medical Physics	.62
Biological and Pharmaceutical Chemistry	.62
Biological Engineering	.48
Biomedical Engineering	.48
Bio-Medical Science	.64
Biomedical Toxicology	.64
Child Studies	.38
Community Social Services (GH)	.75
Early Childhood Studies (GH)	.75

Family Studies and Human Development	.39
Food Science	.66
Human Kinetics	.66
Kinesiology (GH)	.75
Microbiology	.66
Molecular Biology and Genetics	.66
Nanoscience	.66
Neuroscience	.66
Nutritional and Nutraceutical Sciences	.67
One Health	.56
Psychology	.34
Psychology (GH)	.75
Sexualities, Genders and Social Change	.34

## Land Resources

Crop Science	.58
Environmental Management	.40
Environment and Resource Management	.60
Honours Agriculture	.58
Horticulture	.58
Indigenous Environmental Science and Practice	.53
International Development Studies	.33
Landscape Architecture	.54
Turfgrass Management	.70

## Sciences

Animal Biology	.62
Animal Science	.58
Arts and Sciences	.36
Biochemistry	.62
Biodiversity	.62
Biological and Medical Physics	.62
Biological and Pharmaceutical Chemistry	.62
Biological Science	.64
Bio-Medical Science	.64
Biomedical Toxicology	.64
Chemical Physics	.64
Chemistry	.64
Crop Science	.58
Doctor of Veterinary Medicine	.68
Environmental Biology	.65
Environmental Geomatics	.65
Food Science	.66
Honours Agriculture	.58
Horticulture	.58
Human Kinetics	.66
Kinesiology (GH)	.75

Marine and Freshwater Biology	.66
Mathematical Science	.66
Microbiology	.66
Molecular Biology and Genetics	.66
Nanoscience	.66
Neuroscience	.66
Nutritional and Nutraceutical Sciences	.67
One Health	.56
Physical Science	.67
Physics	.67
Plant Science	.67
Theoretical Physics	.67
Wildlife Biology and Conservation	.67
Zoology	.67

## Associate Diplomas

Agriculture	.72
Environmental Management	.72
Equine Care and Management	.72
Horticulture	.72
Turfgrass Management	.70
Veterinary Technology	.72

**Note:** Programs listed with (GH) refer to University of Guelph-Humber in Toronto

■ Program is offered in both regular and co-op

▲ Program has mandatory co-op

**Student Services..... Page 8**

**Degree Programs..... Page 30**

**Admission and Finance ..... Page 78**

# Where is the University of Guelph?







Guelph: the ultimate university town!

With a rich history and small size (133,000), Guelph offers the perfect blend of major city vibes and tightly knit small town. We're only an hour's drive from Toronto, and the GTA. GO commuter trains offer easy access. But make no mistake: Guelph is no suburb. It's a vibrant and diverse city that embraces U of G students.



Guelph is only 1 hour from Toronto, Canada's largest metropolis, and within easy reach of the U.S. border, major international airports and all modes of transportation.

**Guelph is one of Canada's top 10 places to live!**

-  **Population of 133,000**
-  **Guelph is a 1-hour drive from Toronto**
-  **You'll find music, art, and culture festivals all year 'round!**
-  **So many restaurants from so many cultures! Check Guelph's Top 10 Restaurants on TripAdvisor!**
-  **See more of Guelph — follow @seen\_in\_guelph**
-  **Our campus food is amazing but so is the food in the city of Guelph! Follow @hungryguelph**



**Learn more about Guelph!**



# By the Numbers

We tend to put the emphasis on students, not statistics, but here are a few numbers that will help you understand what we're all about.

- 26,926 undergraduate students
- Students come from more than 120 countries!
- \$26.3 million in scholarships & bursaries last year
- 3,000,000+ bricks make up the 58km of walkways on campus
- 25,000 sq-ft fitness centre
- More than 90% of students return for their 2nd year!
- 1,000+ experiential learning opportunities
- 3,500+ students enrolled in co-op
- 4,000+ on-campus jobs
- 91.9% of our students are employed within 6 months of graduation
- one of Canada's top comprehensive universities
- 200+ student clubs

# We take our mission to Improve Life seriously — and we want to start with yours.

In addition to offering a world-class education, U of G is proud to be recognized as a Canadian leader in student experience. No matter where you come from or what you choose to study while you're here, we provide you with the support you need to succeed.



## Before You Arrive

### START Online

STARTOnline is your guide to starting university. Connect with other students and get all the info you need for September!

### START Indigenous

[gryphlife.ca](http://gryphlife.ca)

This orientation program for First Nations, Métis and Inuit students helps you and your family members learn more about life at U of G and the academic, financial, social and cultural support available. Meet the Indigenous Student Advisor and the many other Guelph community members who will be at your side throughout your journey.

### START BIPOC

[gryphlife.ca](http://gryphlife.ca)

This is an orientation program for BIPOC students (Black, Indigenous and People of Colour). Learn more about our programs, life at U of G, financial, social and wellness supports available to you. You will also meet our Cultural Diversity Advisor and Coordinator of Cultural Diversity Programs, and learn about how they can support your transition to university.

### START International

[gryphlife.ca](http://gryphlife.ca)

This orientation program for international students, exchange students and out-of-country Canadians helps you make connections and settle into your new home before Orientation Week begins.

#### It features:

- City and campus tours
- Info sessions about academic life and expectations
- Resources to help with your social, cultural and academic transition
- Welcome dinner and community BBQ

We strongly recommend that international students attend START International.

### START Accessible

[wellness.uoguelph.ca/accessibility](http://wellness.uoguelph.ca/accessibility)

This two-and-a-half-day orientation introduces participants to Student Accessibility Services and other campus resources, preparing you for life as a U of G student while experiencing a disability.

## When You Arrive

### Orientation Week

[guelphoweeek.ca](http://guelphoweeek.ca)

Starting on the Saturday of Labour Day weekend, our first week is packed with hundreds of activities to help you make friends, learn about campus and be prepared for school.

## Your First Year and Beyond

### First-Year Seminars

[uoguelph.ca/vpacademic/fys/](http://uoguelph.ca/vpacademic/fys/)

These fun, small-group seminars are open to every first-year student. Limited to 18 students per seminar, the small class sizes support your academic transition. With fascinating subjects like social justice, baseball, improv or growing food on Mars, they're a great way to meet other Gryphons and sharpen your thinking and communication skills.

### The Library

[lib.uoguelph.ca](http://lib.uoguelph.ca)

The library is so much more than books or study space:

- Get help with writing, research, English language support, studying, time management, presentation skills and more.
- Supported Learning Groups are student-led study groups designed to help you through historically challenging courses.
- Omni — your academic search tool — a place where you can find millions of resources like journal articles, books, and newspapers all at your fingertips.

- Online resources to help you grow your academic and professional skills on topics like learning online, citing your sources, managing your time, researching effectively, and more.

### Peer Helper Program

[gryphlife.uoguelph.ca](http://gryphlife.uoguelph.ca)

Connect with 240+ other Gryphons for mentorship, skill development, volunteer connections and more.

### Career Services

[uoguelph.ca/ELHub](http://uoguelph.ca/ELHub)

We support all students and alumni as they make career and education decisions. We provide career and education coaching to help you market yourself and your degree.



Learn more about what your life as a Guelph Gryphon could be like!

# We're committed to supporting every aspect of what makes you...well, you.

At U of G, you will find welcoming spaces and groups that support and facilitate your personal, spiritual and intellectual growth.

The University of Guelph is committed to fostering a safe environment where everyone experiences an authentic sense of inclusion and belonging. U of G has committed to taking swift and deliberate steps to address racism, hatred and discrimination, with a particular emphasis on anti-Black, Indigenous and People of Colour (BIPOC) racism, on all U of G campuses and in its policies, procedures and practices. You can find our action plan at [uoguelph.ca/president/action-plan](https://uoguelph.ca/president/action-plan).



## For Everyone

### Student Experience

[uoguelph.ca/studentexperience](https://uoguelph.ca/studentexperience)

Student Experience supports the transition and orientation needs of all students, including international, First Nations, Métis and Inuit students, Black students, Students of Colour, LGBTQ2IA+ students, students of various faiths. We provide programs for you to learn about other cultures, celebrate diversity and support your personal development in leadership and in civic and global engagement.

### International Students

The International Student Experience team supports the wellness, cultural, academic and transition needs of all international students, out-of-country Canadians and new permanent resident students.

### BIPOC Students

The Cultural Diversity Office supports the development of BIPOC (Black, Indigenous and People of Colour) students. We provide services such as wellness support, cultural and transition support, student advising, and identity-based programming and resources.

### LGBTQ2IA+ Students

The Sexual and Gender Diversity Advisor provides resources, programs and advising support for LGBTQ2IA+ students. OUTline is an anonymous and confidential online chat service staffed by trained peers to talk about issues related to sexuality.

### First Nations, Inuit and Métis Students

The Indigenous Student Centre provides a culturally supportive environment that fosters academic excellence and supports the intellectual, spiritual, emotional and physical development of all First Nations (status and non-status), Métis and Inuit students. We provide student advising, academic and financial information and cultural programming.

### Faith

The Multi-Faith Resource team represents a number of faiths and works together to meet the religious and spiritual needs of the University community.

**“The University of Guelph is committed to increasing the representation and success of Indigenous students, and promoting First Nations, Métis and Inuit cultures and heritage within the community. All Indigenous students will benefit from a visit to the Indigenous Student Centre to learn about the programs and services.”**

**Natasha Young**  
MA, MSW, RSW Indigenous Student Advisor



## For Your Wellness

[wellness.uoguelph.ca](https://wellness.uoguelph.ca)

Good health and mental well-being are the foundation for your everyday living and learning. Our Student Wellness Services will help you work at your best.

### Student Health Services

[wellness.uoguelph.ca/health](https://wellness.uoguelph.ca/health)

Our team includes physicians, nurses, psychiatrist, registered dietitian, addiction counsellor and mental health-care coordinator. Services include appointment and drop-in clinics, immunization and allergy clinics.

### Student Accessibility Services (SAS)

[wellness.uoguelph.ca/accessibility](https://wellness.uoguelph.ca/accessibility)

SAS is for students who experience all types of disabilities, including (but not limited to) ADD/ADHD, hearing, learning, medical, mobility, psychological/

emotional and vision. We provide assistance for academic, housing, personal, career and financial concerns. Adaptive technology is available.

### Wellness Education and Promotion Centre

[wellness.uoguelph.ca/wec](https://wellness.uoguelph.ca/wec)

Find information about healthy relationships, all areas of sexuality, stress management, body image, nutrition, and alcohol and other drug awareness.

### Student Support Network (SSN)

[wellness.uoguelph.ca/ssn](https://wellness.uoguelph.ca/ssn)

The SSN is a team of student volunteers, extensively trained in active listening and communication skills, who offer confidential, non-judgmental listening and support to any member of the campus community.

### Health and Performance Centre

[wellness.uoguelph.ca/hpc](https://wellness.uoguelph.ca/hpc)

Professional staff at UofG includes sports medicine physicians, massage therapists, chiropractors, physiotherapists, registered dietitians, pedorthists, and a naturopathic doctor.

### Counselling Services

[wellness.uoguelph.ca/counselling](https://wellness.uoguelph.ca/counselling)

Services include individual counselling, therapy groups, crisis response, training and consultation, and stress management programs. Our counsellors are registered social workers and psychotherapists. Counselling Services helps students through personal challenges to support their academic success.

### Sexual Violence Support

[wellness.uoguelph.ca/sexual-violence-support](https://wellness.uoguelph.ca/sexual-violence-support)

We provide leadership in prevention and intervention programs to support survivors of sexual violence and to enhance the conditions and likelihood of personal and academic success. This includes ensuring appropriate coordination of care and individual support for students and communicating with appropriate partners, both on and off campus.

## For Your Peace of Mind

U of G students feel safe and secure on campus thanks to our proactive approach to safety. We work together to ensure your safety.

- Residence buildings locked 24 hours a day; only students with keys have access.
- Video surveillance in residence parking lots.
- Emergency phones are located across campus.
- Community Safety Officers monitor our community and enforce federal, provincial and municipal laws to ensure the safety of all of our students.
- Our First Response Team provides emergency first aid services.
- Campus Safewalk volunteers will accompany you across campus after dark.



# Residence

## Home is where the heart free wifi is!

At U of G, we know that living in residence is about way more than having a place to rest your head. Our residences are communities.

And we've got all the amenities you'll need: proximity to the University Centre (the heart of campus), campus food, wireless hotspots in common areas and — of course — wifi in every room! We've also got quiet areas for studying, community spaces for gathering, socializing and catching up with friends.



## Residence living at Guelph is made up of three unique neighbourhoods:

### South Residences

- South residences are Mountain, Prairie and Maritime Halls.
- They accommodate close to 1,800 students.
- More single rooms here than any other residence.
- These three halls are co-ed and offer academic learning communities.

### North Residences

- North residences are Lambton, Lennox and Addington, Johnston, Arts House, Mills, and Watson Hall (women only).
- Lambton Hall offers suites with washrooms and kitchenettes.

### East Area Residences

- East residences are Dundas, Lanark, and Glengarry.
- These are shared suite-style residences.
- They are home to our Living Learning Centres: Arts House, Eco House, La Maison Française, International House, Indigenous House and Leadership House.
- East Village townhouses each have four private bedrooms, shared washrooms, a kitchen and dining and living room.

### Virtual Tours of Residence

- Watch virtual tours of residences and room types! [housing.uoguelph.ca/tours](https://housing.uoguelph.ca/tours)
- Visit [housing.uoguelph.ca/roomtypes](https://housing.uoguelph.ca/roomtypes) for floor plans.
- Take the 360° room tour: [housing.uoguelph.ca/360](https://housing.uoguelph.ca/360)

You are **GUARANTEED** a spot in residence if you submit your online residence application and pay your \$750 residence deposit by **June 1, 2022!**\*

## Sample Floor Plans



### South Residences

Up to 1,800 students | Single room layout



### North Residences

Up to 1,500 students | Double room layout



### East Village Townhouse

Up to 1,500 students | First floor layout

Disclaimer: floor plans shown above are for illustrative purposes only. Room type layouts and sizes vary across each residence.

## Personalize Your Living Options

### Residence Learning Communities (RLCs)

[housing.uoguelph.ca/RLC](https://housing.uoguelph.ca/RLC)

RLCs bring together groups of 20 to 50 students with common interests and include Academic Learning Communities, Living-Learning Centres and Themed Living Communities.

### Academic Learning Communities (ALCs)

ALCs (also known as clusters) are available for every degree program. They are made up of small groups of first-year students who share classes and living space. The environment helps you adjust to the challenges of university life and study.

### Living Learning Centres (LLCs)

LLCs are communities of students from different academic years who share lifestyle interests.

Communities consist of:




























Arts House, Leadership House, La Maison Française, International House, Indigenous House and Eco House

### Themed Learning Communities (TLCs)

Choose to live with like-minded peers who prefer one of two options: study-intensive or substance-free.



Learn more about living on campus!

Residence Name	Spaces Available* (Approximate)	Community Type	Room Types*
South Residences	1800	Modern architecture featuring three buildings, two dining halls and plenty of common space.	   
East Residences	610	Apartment-suites, both co-ed and single gender. Home to our Living Learning Centres.	   
East Village Townhouses	640	Four-bedroom townhouses with single rooms and shared washrooms (2:1 ratio); kitchen, dining and living room. Air conditioned with central vacuum.	
Johnston Hall	320	Traditional-style residence with heritage charm.	   
Lambton Hall	110 suites 265 doubles	Features suite-style and traditional double rooms with newly renovated washrooms	   
Lennox and Addington Halls	575	Home to the L/A Cafe and Academic Clusters, Biology House and study-intensive communities.	   
Mills Hall	195	Traditional residence, close to Creelman Marketplace.	   
Watson Hall	50	Close-knit, all-female residence.	
Maids Hall	50	LLC – Arts House	

\*Fees range from \$5,686 to \$8,632. See page 93 for more details.

 Single Rooms  Double Rooms  Triple Rooms  Quad Rooms

\* The information provided here is subject to change. See page 98 for how we're managing the impact of COVID-19

# The only campus food in Canada that's Insta-worthy!

For years, U of G's Hospitality Services has been voted as having the best campus food of any Canadian university, and the secret to our success (and your sustenance) couldn't be simpler: We make everything ourselves. From Buddha bowls and house-made comfort foods to gourmet salad bars and international cuisine, we've got something to suit every palate and dietary requirement (including allergies, faith-based, vegan and vegetarian), all of it made fresh right here on campus.

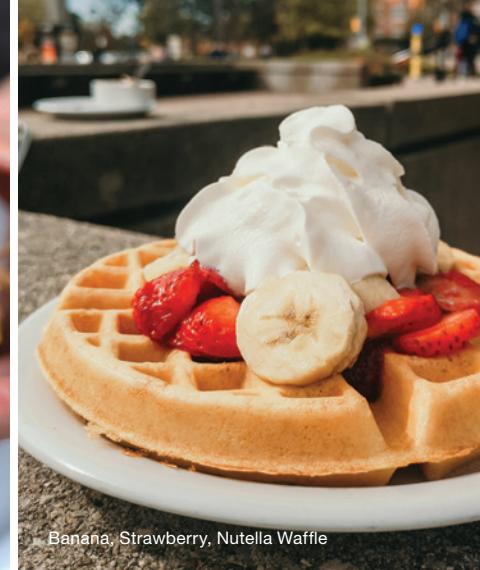
In addition, we've got some of your favourite restaurant chains across campus, and frequently ~~brag about~~ share our latest creations on our socials.

Check out [hospitality.uoguelph.ca](http://hospitality.uoguelph.ca) to learn more and follow @hospitalityuofg on Instagram, Twitter and Facebook for updates, menus and daily delicious posts!

[hospitality.uoguelph.ca](http://hospitality.uoguelph.ca)



Double Trouble Burger



Banana, Strawberry, Nutella Waffle



Bibimbap



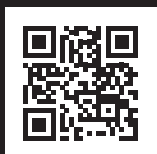
Chili



Chicken Shawarma



Jackfruit Burger in our #IamReusable Container



Learn more about why our campus food is so amazing!



# Sustainability

We're proud of our sustainability efforts! Our Coffee to Compost program is a student initiative under which spent coffee grounds are brought to the Guelph Centre for Urban Organic Farming and used to fertilize fresh produce and flowers. Spent coffee grounds from coffees consumed during last year's mid-terms are being used now!

We divert thousands of kilograms of organics from landfill!



# Your Meal Card

Your Student ID card is your Meal Plan card. Every time you choose a snack or a meal, simply tap your Student ID card at the cash and the appropriate amount will be deducted from your meal plan balance. It's super easy.

On top of all the amazing meals you can purchase on campus, you can also use your meal plan to purchase food at select off-campus restaurants. Visit [hospitality.uoguelph.ca/off-campus-dining](http://hospitality.uoguelph.ca/off-campus-dining) to check out all of our campus partners.

# The University Bookstore

[bookstore.uoguelph.ca](http://bookstore.uoguelph.ca)

The University Bookstore has all of your new and used books, supplies and swag. U of G offers a \$1,000 textbook plan. With the textbook plan you can use your Student ID card in the University Bookstore to buy all your textbooks and receive a 10% rebate. To include the TEXTBOOK plan, add \$1,000 to your meal plan cost.

The Bookstore is the official supplier of University of Guelph-branded clothing.

# Hospitality Services Meal Plans

On-Campus Meal Plans	Costs per Year	Meal Plan Descriptions
Minimum	\$4,380	Not on campus on weekends and have a lighter appetite? This one's for you.
Light	\$5,100	Maybe you stay on campus on weekends occasionally and have a lighter appetite. This is your meal plan!
Full	\$5,720	Our most popular plan! This one is for students who are on campus every other weekend or so and love to eat.
Plus	\$6,230	Plan to be on campus every weekend and love to eat? This is the plan for you!
Varsity	\$6,540	You hardly go home, you're always on campus, maybe you're a varsity athlete, and you can't get enough of our incredible food. Welcome to your meal plan!

If you run out of meal plan dollars it's easy to add more money to your account. For meal plan costs, see page 93. Meal plans are mandatory except for those living in East Village townhouses.



\*see page 98 for how we're managing the impact of COVID-19

# Gryphon Athletics

State-of-the-art facilities. Every team and sport under the sun.  
And fans decked out in red, gold and black. Let's go, Gryphons!

The advanced Gryphons Athletic Centre features a 25,000-sq.-ft. fitness centre, suspended running track, climbing wall and a wide variety of activity rooms.



## Facilities:

### Indoor

- Twin-pad arena with Olympic-size ice surface
- 2 pools
- Suspended running track
- 3 gyms
- 5 squash courts
- 1 climbing wall
- 9 dance/multi-purpose studios
- Fitness centre
- 2 wrestling/combatives rooms
- Hot tub/whirlpool
- Indoor fieldhouse with 4-lane running track

### Outdoor

- Stadium
- 8-lane IAAF track
- 2 grass fields
- Mini-specialized training field
- 3 ball diamonds
- 4 beach volleyball courts
- Jogging trails
- 3 multi-purpose lit artificial fields

## Intramurals:

- Arena Flag Football
- Badminton (doubles)
- Basketball
- Beach Volleyball
- Bubble Soccer
- Court Volleyball
- Dodgeball
- Flag Football
- Floor Hockey
- Ice Hockey
- Indoor Soccer
- Inner Tube Water Polo
- Lob Ball
- Multi-Sport
- Outdoor Soccer
- Pickle Ball
- Recess League
- Spikeball
- 3-Pitch
- Ultimate Frisbee

12,000 students participated in our award-winning intramural recreational and intercollegiate programs in 2019/2020!

## Varsity Teams:

M = Men W = Women

Baseball	M	Lacrosse	M W
Basketball	M W	Nordic Skiing	M W
Cross-Country	M W	Rowing	M W
Curling	M W	Rugby	M W
Field Hockey	W	Soccer	M W
Figure Skating	M W	Swimming	M W
Football	M	Track and Field	M W
Golf	M W	Volleyball	M W
Hockey	M W	Wrestling	M W

To connect with the varsity coaches, please visit [gryphons.ca](http://gryphons.ca).



She's Got Game encourages women in sport and gives them the tools to succeed both on and off the field.  
[shesgotgame.ca](http://shesgotgame.ca)

## Classes:

- 20 styles of Dance
- Aquafit
- Boot Camp
- Bronze Medallion\*
- Bronze Cross\*
- CPR and AED\*
- Fencing
- First Aid\*
- Group Cycling
- Jiu-Jitsu
- Muay Thai
- National Lifeguard\*
- NAUI Scuba\*
- NRG Fitness
- Personal Training\*
- Pilates
- Tae Kwon Do
- Triathlon Swim
- TRX
- Wilderness Survival\*
- Yoga

\* indicates certification can also be earned for these classes.

There are even more to choose from! Visit [gryphons.ca](http://gryphons.ca) for a complete listing of clubs and classes.

## Sports Clubs:

- Artistic Swimming
- Badminton
- Cheerleading
- Dance Pak
- Dragon Boat
- Equestrian
- Fast Pitch
- Fencing
- Figure Skating
- Japanese Sword Arts
- Karate
- Nerf
- Quidditch
- Ringette
- Rock Climbing
- Squash
- Tap Pak
- Ultimate Frisbee
- Underwater Hockey
- Urban Hip Hop
- WaterPolo

**51 U Sports All-Canadian 2019/2020  
and 104 OUA All-Stars in 2019/2020**



Learn more about sports,  
intramurals and keeping  
active on campus!

Out of the 683 Gryphon student-athletes who competed at the OUA or U Sports level, a record-number (231) earned an academic grade of eighty percent or higher in 2019-20. The Gryphons now boast a record ratio of 1-in-3 when it comes to student-athletes earning the title of academic award winners.

*\*2020-21 season cancelled due to COVID-19.*

*\*see page 98 for how we're managing the impact of COVID-19*

**“I chose U of G because of the community — Gryphons support Gryphons. Our athletic teams support each other and are always attending each other’s games. I saw that and knew that the U of G would be my family away from home.”**

**Burke Bechard**

Bachelor of Arts, psychology and sociology  
High school: Chatham-Kent Secondary School,  
Chatham, Ontario  
Campus Involvement: Captain of women's  
varsity basketball team



# Clubs, Organizations, Student Government

You won't just find yourself here—you'll find yourself getting involved!

We pride ourselves on helping students nurture their passions, explore their interests and expand their horizons, which is why we offer so many ways to get involved and get active on campus. Whether you've got a passion you want to explore in more depth or a desire to explore new topics and make new friends, we've got student groups that you'll love to be part of.



## Campus Involvement

[uoguelph.ca/studentexperience](http://uoguelph.ca/studentexperience)

In our experience, one of the best ways that you can Improve Life for yourself is by connecting with some like-minded (read: equally awesome) people who can help you Improve Life for others. Student Experience can help you get engaged on campus in ways that fit your skill set, interests, availability and goals. In addition to helping your fellow students, you'll meet new people and other student leaders who share your passion for personal development and community involvement.

## Clubs and Organizations

[gryphlife.uoguelph.ca](http://gryphlife.uoguelph.ca)

Our 200 + clubs span cultural and religious interests, media and performing arts, sports, academics and community service — there's something here for everyone.

There are so many we can't fit them all on one page, so **here's a small sample:**

- African Society of Guelph
- Association for Baha'i Studies
- Canadian Asian Student Society
- CFRU Campus/Community Radio Station
- Contemporary Music Ensemble
- Drama Student Federation
- Engineers Without Borders
- Fine Art Network
- Free the Children, U of G
- Future Vets Club
- Games Club
- Global Youth Network
- Gryphons Read
- Guelph Black Students Association
- Guelph Centre for Gender Empowerment and Diversity
- Guelph Queer Equality
- Guelph Students for the Ethical Treatment of Animals
- Guelph Women in Leadership
- Habitat for Humanity
- Indian Students Association
- Indigenous Student Society
- Ismaili Muslim Student Association
- Korean Students' Association
- OUTline support for LGBTQ2IA+ Community
- Muslim Students' Association
- *Ontario* Newspaper
- University Catholic Community
- Vietnamese Student Society
- West Indian Students' Association
- World University Service of Canada

**“What's the most exciting thing? It's just everything. As soon as I came here it was just exciting!”**

Tanya, Maritime Hall, South Residence

## Student Governments

### Central Student Association (CSA)

[csaonline.ca](http://csaonline.ca)

U of G students are actively involved in the Central Student Association (CSA), the official University of Guelph undergraduate student union.

#### The CSA organizes:

- your student bus pass
- your student health and dental plans
- the Bullring, an on-campus coffee pub
- Sunday Cinema, a weekly film series
- concerts, shows, and speakers

### Interhall Council

[interhall.org](http://interhall.org)

Students living in residence are represented on a variety of campus committees by Interhall Council, which organizes social, cultural and educational events in residence.

### Academic Student Governments

Separate student governments are also affiliated with each academic college. Each government has clubs for its majors, represents its students on committees, and hosts events and activities all year long.

- College of Arts Student Union
- College of Biological Science Student Council
- College of Engineering and Physical Sciences Student Council
- College of Social and Applied Human Sciences Student Alliance
- Lang Student Association
- Student Federation of the Ontario Agricultural College
- Central Veterinary Students Association



**Find the club you're interested in!**

# Experiential Learning and Career Development

When we say you'll learn from experience, we mean it.

While we love a good book as much as the next world-class university, we firmly believe that education and experience go hand in hand.

That's why our team at the Experiential Learning Hub is so passionate about connecting you with co-op programs, further education planning, volunteer and co-curricular opportunities and access to job fairs and networking events.

Plus, when you graduate you won't just have a degree: you'll have a digital record showcasing the kind of experience that employers love to see on a résumé.

[uoguelph.ca/ELHub](http://uoguelph.ca/ELHub)

## UofG offers:

- on-campus employment and work study
- co-op programs and work experience courses
- professional and career practice courses
- student clubs, governments and athletics
- entrepreneurship programs
- para-professional and volunteer programs
- community-engaged learning courses and programs
- intercultural engagement programs
- conferences, professional development and certificate programs



# Co-operative Education

uoguelph.ca/coop

## Why wait to start working in your field?

Each year we help more than **4,000** students find placements in 53 different co-op programs. Gain work experience that's relevant to your studies, build your professional network and develop the skills needed to thrive in a modern work environment.

Sound good? A lot of other students think so, too, which is why we recommend that you apply to co-op directly from high school.

## Why Apply to U of G Co-op?

- You will take a mandatory one-semester course — COOP\*1100 — that prepares you for the co-op job search and work terms.
- A Co-op Coordinator will provide coaching and guidance during the employment process and throughout each of your co-op work term experiences.
- You will apply and compete for co-op positions, just as you would in the real-world hiring process.
- You will complete three to five co-op work terms throughout your degree (depending on your program).
- All co-op positions are full-time, paid employment.
- You will experience fall (September to December), winter (January to April) and summer (May to August) work terms, depending on your program.
- Job opportunities may be in Ontario, another province, outside of Canada, in the public, private, and not-for-profit sectors.

The University of Guelph's Co-operative Education Program is accredited by Co-operative Education and Work-Integrated Learning Canada (CEWIL) and adheres to the standards set and monitored by the CEWIL Accreditation Council.



Learn about co-op at U of G.

**“The University of Guelph’s incredible co-op program and their experiential approach to engineering courses made it an easy choice for me. I’m a hands-on learner, so my co-op work terms have been absolutely instrumental towards my professional and personal growth.”**

**Alyssia Sanchez**

Bachelor of Engineering, biomedical engineering, co-op  
High school: St. Mary Catholic Secondary School, Pickering, Ontario  
Campus Involvement: Women in Science and Engineering (WiSE) director of outreach;  
Engineers Without Borders (EWB) Incoming Advocacy Representative



# International Learning

Why travel between semesters when you could travel as part of one?

When you join the 400-plus U of G students who study abroad each year, the entire planet becomes your classroom. Go for a few weeks, a semester, an academic year — there are (almost) as many choices as there are countries! The best part? While you're experiencing life in a different country, you'll also be gaining credits toward your degree!

[uoguelph.ca/cip](http://uoguelph.ca/cip)



## Studying Abroad

Participate in a study-abroad opportunity — maybe it relates to your major, maybe it relates to your minor, or maybe it fulfills one of your bucket list items: you in the Mediterranean. Or the Netherlands. Or Japan. Or wherever you choose.

### Short-term Summer Field School Programs

Travel with a group of U of G students and faculty while learning about the culture and history of your locale.

### Exchange Programs

Go on an exchange and study at one of more than 110 institutions around the world.

### Summer Research

Get practical research experience under the guidance of a professor at one of U of G's partner universities abroad.

### Summer Language

Learn a language in an immersive environment while experiencing the local culture and history.

### Letter of Permission

Design your own study-abroad program at any accredited university in the world.



Find out where U of G could take you!



# Over 100 study-abroad programs in 33 countries!



"As excited as I was, I was terrified to go. I had never been away from family and friends for any length of time, let alone in another country that spoke another language! Yes, I learned about Italian culture, language and food. Yes, I made friends from Canada and beyond. But what I learned about myself was huge. Travelling overseas was a defining point in my life. I learned to adapt, find independence, and trust myself."

**Mya Leacock**

Traveled to Sorrento, Italy on a five-week summer field course, studying Italian language, and food and culture.

# Once a Gryphon, #ForeverAGryphon

The U of G experience is about discovering who you're truly meant to be. And one thing's for sure: when you graduate, you'll always be part of the Gryphon family.



## Career Development

[uoguelph.ca/ELHub](http://uoguelph.ca/ELHub)

The Experiential Learning Hub supports all students and alumni as they plan for their career or further education.

We'll help you develop a personal career and/or education plan and teach you how to market yourself and your degree. We'll help you with job search skills, where to look for summer, part-time and post-graduation opportunities and, most importantly, how to succeed with your personal goals.

## U of G Part 2 – Graduate Programs

[graduatestudies.uoguelph.ca/programs/list/byprogram](http://graduatestudies.uoguelph.ca/programs/list/byprogram)

Don't think sequels can be as good as the original? You haven't met our Grad Programs.

Sometimes, finding yourself at Guelph means finding you want to stay. We pride ourselves on our exceptional undergrad experience — but we also know that for some students, it's just the beginning.

With one of the most comprehensive lists of graduate programs in Canada, U of G offers plenty of options for Gryphons to continue their studies.

At U of G, you can earn your graduate degree in the following areas:

- Accounting, GDip
- Animal Biosciences, MSc, PhD
- Art History and Visual Culture, MA
- Artificial Intelligence\*, MASc, MSc
- Bioinformatics, MBInf, MSc, PhD
- Biomedical Sciences, DVSc, MBS, MSc, PhD
- Biophysics, MSc, PhD
- Biotechnology, MBIOT
- Business Administration, MBA
- Capacity Development and Extension, MSc
- Chemistry, MSc, PhD
- Clinical Studies, DVSc, MSc
- Computational Sciences, PhD
- Computer Science, MSc, PhD+
- Conservation Leadership, MCL
- Creative Writing, MFA
- Criminology and Criminal Justice Policy, MA
- Critical Studies in Improvisation, MA, PhD
- Cybersecurity and Threat Intelligence, MCTI
- Dairy Technology Management, MDTM+
- Data Science, MDS+
- Doctor of Veterinary Medicine/Master of Public Health combined degree program, DVM/MPH

- Economics, MA, PhD
- Engineering, MASc, MEng, PhD
- English, MA
- Environmental Sciences, MES, MSc, PhD
- European Studies, MA
- Family Relations and Applied Nutrition, MAN, MSc, PhD
- Food Safety and Quality Assurance, GDip, MSc
- Food Science, MSc, PhD
- Food, Agricultural and Resource Economics, MFARE, MSc, PhD
- French Studies, MA
- Geography, MA, MSc, PhD
- History, MA, PhD
- Human Health and Nutritional Sciences, MSc, PhD
- Integrative Biology, MSc, PhD
- International Development Studies\*, MA, MSc, PhD, MFARE, MASc
- Landscape Architecture, MLA
- Latin American and Caribbean Studies, MA
- Leadership, MA
- Literary Studies/Theatre Studies in English, PhD
- Management, MSc, PhD
- Market Research, GDip
- Marketing and Consumer Studies, MSc
- Mathematics & Statistics, MSc, PhD
- Molecular and Cellular Biology, MSc, PhD
- Neuroscience\*, MBS, MSc, PhD
- One Health\*, MA, MASc, MBS, MEng, MES, MSc, MSc (Planning), PhD
- Pathobiology, DVSc, GDip, MSc, PhD
- Philosophy, MA, PhD
- Physics, MSc, PhD
- Plant Agriculture, MSc, PhD
- Political Science, MA, PhD
- Population Medicine, DVSc, MSc, PhD
- Psychology, MA, MSc (Neuroscience & Applied Cognitive Science only), PhD

- Public Health, GDip, MPH
- Public Issues Anthropology, MA
- Regenerative Medicine\*, DVSc, MASc, MBS, MSc, PhD+
- Rural Planning and Development, MPlan, MSc (Planning)
- Rural Studies, PhD
- Sexualities, Genders and Bodies\*, MA, MSc, PhD+
- Social Practice and Transformational Change, PhD
- Sociology, MA, PhD
- Studio Art, MFA
- Theatre Studies, MA
- Tourism and Hospitality, MSc
- Tourism Research, GDip
- Toxicology\*, MSc, MBS, PhD
- Veterinary Science, DVSc

\* collaborative specializations

\* Pending approval from the Ontario Universities Council on Quality Assurance.

## And then you graduate...

### U of G Alumni

[alumni.uoguelph.ca](http://alumni.uoguelph.ca)

More than 173,000 U of G alumni live and work all over the world. What you'll quickly discover when you graduate is that the growth and experience gained here creates a lifelong bond that we all share. When you graduate you are #foreverGryphon.



# How to Build Your Best Degree

At U of G, we give you choices and flexibility. With an incredible variety of specializations, we'll help you find your path. Select a major, add a minor, add electives to sample unique or interesting paths, mix in out-of-class experiences, and tailor your degree as you go — it's your choice that matters.

1

## Find Your Program

- Review the degree programs and themes on page 4.
- Check out the prerequisites on pages 78 and 79.
- Find what interests you.
- Talk to U of G reps, tour campus and classrooms and labs, talk to faculty and students.

2

## Enhance and Explore

Once you get to campus, you can start to explore:

- Add a minor, select an area of emphasis, or enrol in a certificate alongside your degree.
- You don't have to have it figured out. Spend your first year exploring your options. You'll be surprised at what opens up once you're here.

3

## Put It All Into Action!

You have countless opportunities to put your classroom theory into real-world practice:

- co-op,
- experiential learning,
- international studies,

We'll help you navigate your options so you can find the best fit for you.



## Certificates

[opened.uoguelph.ca](https://opened.uoguelph.ca)

Add a certificate to your studies and improve your potential employment opportunities.

- |   |                                    |
|---|------------------------------------|
| • Accounting                              | • Hospitality Studies              |
| • Business                                | • Leadership                       |
| • Civic Engagement and Global Citizenship | • Organic Agriculture              |
| • Communication Process                   | • Public Policy and Administration |
| • Environmental Citizenship               | • Spanish Language and Culture     |
| • Environmental Conservation              | • Food Science                     |
| • German Language and Culture             |                                    |

## Minors

Choose a minor because it intrigues you, because it complements your major, or because it's something you've always wanted to learn.

- |                                     |  |
|-------------------------------------|--|
| • accounting                        | • international business                 |
| • agriculture                       | • international development studies      |
| • anthropology                      | • Italian                                |
| • applied geomatics                 | • linguistics                            |
| • art history                       | • marketing                              |
| • arts management                   | • mathematical science                   |
| • biochemistry                      | • mathematics                            |
| • biology                           | • media and cinema studies               |
| • biotechnology                     | • microbiology                           |
| • Black Canadian studies            | • molecular biology and genetics         |
| • business                          | • museum studies                         |
| • business data analytics           | • music                                  |
| • business economics                | • neuroscience                           |
| • chemistry                         | • nutritional and nutraceutical sciences |
| • classical studies                 | • one health                             |
| • computing and information science | • philosophy                             |
| • creative writing                  | • physics                                |
| • culture and technology studies    | • plant science                          |
| • ecology                           | • political science                      |
| • economics                         | • project management                     |
| • English                           | • psychology                             |
| • entrepreneurship                  | • sexualities, genders and social change |
| • environmental engineering         | • sociology                              |
| • European culture and civilization | • Spanish and Hispanic studies           |
| • family and child studies          | • sport and event management             |
| • food engineering                  | • statistics                             |
| • French studies                    | • studio art                             |
| • geography                         | • sustainable business                   |
| • German                            | • theatre studies                        |
| • history                           | • zoology                                |
| • human resources                   |  |

## Academic Terms and Definitions

An **undergraduate degree** is the first degree you can complete at the university level. It is commonly called a baccalaureate or bachelor's degree, and may be further classified as honours or general.

An **honours degree** is typically completed in four years of full-time study and often focuses on a particular discipline, e.g., Honours Bachelor of Science (in Biochemistry); Honours Bachelor of Arts (in Classical Studies).

A **general degree** is typically completed in three years of full-time study and often involves a more generalized or broadly defined study area. To view a list of majors that are offered in general versus honours format, please visit the Undergraduate Calendar at [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).

A **professional degree** meets the accreditation standards of a particular professional association or college. At U of G, we offer professional degrees in Veterinary Medicine (DVM), Engineering (B.Eng.), Applied Human Nutrition (B.A.Sc.) and Landscape Architecture (BLA). Several professional degrees, like the DVM, require the completion of some university study before application.

An **associate diploma** is a two-year program offered on our main campus and at our Ridgetown campus. It involves focused, hands-on training in a specific field, e.g., associate diploma in Environmental Management; Associate Diploma in Turfgrass Management.

A **graduate degree** can be completed after an undergraduate degree. It involves additional study in a particular area of interest and may include research or the completion of a thesis.

A **major** is the main area of study within a degree. It involves intensive focus on a specific discipline, e.g. Environmental Engineering; Bio-Medical Science; Marketing Management.

A **minor** is an optional secondary area of study that can be related to or different from your major and provides an introductory level of education about a single discipline. A minor is selected after you begin your university studies (see list on previous page).

A **credit** is the unit of measurement for university courses. Usually, a course that lasts one semester is equivalent to one half-credit (0.5).

A **semester** is an academic study period of 12 weeks. U of G offers three semesters of study: fall (September to December), winter (January to April) and summer (May to August).



## How did I build my best degree?

- I came to U of G from Mauritius as an international student.
- Out of all the schools I researched, I kept hearing amazing things about science at the University of Guelph — the rumours were true!
- I was an Orientation team member.
- I became a tour guide.
- I joined Big Brothers of Guelph as an in-school mentor.
- Also, training service dogs on campus has been really rewarding, and training Nelson, who is now with Autism Services Canada, made my time at U of G really special.

**Norman Osman**

Bachelor of Science, biomedical toxicology

Campus involvement: Orientation team member and tour guide;

Big Brothers in-school mentor; also trained service dogs on campus

# Bachelor of Arts

**This degree isn't just the underpinning of your first job. It's the underpinning of your career.**

Students who earn a BA from Guelph learn to think critically, communicate ideas effectively and understand complex problems facing society. So it's no surprise that, with 93% of BA grads finding employment within six months of graduating, we have one of the highest employment rates among Ontario universities.

Choose from 26 majors and more than 60 minors in arts, humanities, science or business and shape your future on your own terms.

[uoguelph.ca/arts](http://uoguelph.ca/arts) | [uoguelph.ca/csahs](http://uoguelph.ca/csahs)



## Majors

### ANTHROPOLOGY ■

[admission.uoguelph.ca/Ba/Anth](http://admission.uoguelph.ca/Ba/Anth)

Explore human cultures and societies — past and present — and the lives of non-human primates. Learn how biology and culture shape our capacity to adapt. Develop understandings of global environmental, Indigenous, health and well-being, and social movement issues. Graduate with a deeper understanding of global cultures and what it means to be human.

**Sample Careers:** cultural resource management, conservationist, foreign service, and community development worker

### ART HISTORY

[admission.uoguelph.ca/Ba/Arth](http://admission.uoguelph.ca/Ba/Arth)

Immerse yourself in historical perspectives of the visual arts. Engage with the methodologies of art history and consider modern issues of artistic practice and display in one of Canada's premier art history programs. Learn from the Bachinski/Chu Print Study Collection with more than 1,600 works of by Rembrandt, Goya and Picasso. Take courses in partnership with the Art Gallery of Guelph, galleries, museums and other organizations in our thriving arts community.

**Sample Careers:** art agent, art dealer, cultural journalist, exhibition and cultural event planner, and gallery coordinator/curator

### CLASSICAL STUDIES

[admission.uoguelph.ca/ba/clas](http://admission.uoguelph.ca/ba/clas)

Examine modern society through an exploration of ancient history, mythology, archaeology and the epics of Homer or Latin literature. Learn Greek or Latin and cultivate a deeper understanding of democracy. You can re-discover ancient civilizations through field schools in Italy, Greece or Turkey or take on independent projects.

**Sample Careers:** archaeologist, collection technician, librarian, museum educator, public and foreign services, and tour director

## CREATIVE WRITING NEW

[admission.uoguelph.ca/Ba/CW](https://admission.uoguelph.ca/Ba/CW)

Explore the ways writing can drive social justice and environmental awareness. Create meaning through your writing and storytelling. You'll take courses in speculative fiction, non-fiction, poetry, screenwriting and writing for the inclusive stage. You'll develop a body of creative work that includes writing exercises, short creative pieces and a portfolio.

**Sample Careers:** writer, journalist, editor, marketer, publisher, game designer, and educator

### Arts and Business Double Feature

Add business savvy to your arts degree! Add a minor from the Gordon S. Lang School of Business and Economics that will help launch your career. A business minor will enhance your skills in communication, problem-solving, leadership, and more!

**Minors:** accounting, business, business data analytics, economics, entrepreneurship, human resources, international business, marketing, project management, sport and event management and sustainable business

You can work on real-world problems through case studies and community projects.

Visit [admission.uoguelph.ca](https://admission.uoguelph.ca) for more information.

Interested in this combination of studies? Apply to your BA of choice and declare a business minor in your first year.



Learn more about arts and social sciences!

**“I’m most proud of my first solo art show on campus. Based on the anime TV series *Sailor Moon*, “To the Moon and Back” — a collection of paintings about how the show has affected Queer youth — reclaims Queer themes that were censored from the show when it was brought to North America.”**

**Romario Smith**

Bachelor of Arts, studio art  
High School: J. Clarke Richardson Collegiate, Ajax, Ontario  
Campus Involvement: Fine Arts Network vice president;  
Queer Christian community coordinator; U of G Studio Art  
social media coordinator; member of Guelph Black Professionals



## CRIMINAL JUSTICE AND PUBLIC POLICY ■

[admission.uoguelph.ca/Ba/Cjpp](https://admission.uoguelph.ca/Ba/Cjpp)

Investigate the causes and contexts of crime. Learn about real-world public policy and its effect on the Canadian criminal justice system. You'll graduate with an understanding of political and social issues and a foundation for a career or further studies in law, policy and justice.

**Sample Careers:** lawyer and legal professional, policy analyst, police officer, and social services

## CULTURE AND TECHNOLOGY STUDIES ■

[admission.uoguelph.ca/BA/Cts](https://admission.uoguelph.ca/BA/Cts)

Combine a passion for arts and culture with curiosity about technology. Explore digital methods including storytelling, visualization, gaming, and publishing. Learn to use digital tools and to think ethically, creatively, and critically about topics across the arts. Understand how the web works and how we can use it to make a difference in our world.

**Sample Careers:** museum curator, librarian, web designer, game designer, digital publisher, information technologist, and information designer

## ECONOMICS ■

[admission.uoguelph.ca/Ba/Econ](https://admission.uoguelph.ca/Ba/Econ)

Position yourself as an expert in interesting and puzzling issues of our time, such as fluctuations in interest rates and oil prices, or the implications of continental free trade. Integrate pure and applied economic theories, with modes of thought, techniques and critical analysis drawn from the arts. Also see B.Comm. Management Economics and Finance.

**Sample Careers:** economist, stock broker, financial consultant, and marketing analyst

## ENGLISH

[admission.uoguelph.ca/Ba/Engl](https://admission.uoguelph.ca/Ba/Engl)

Explore how writing across genres and media helps us to understand each other and our world. Discover your ability to write creatively in workshops led by some of Canada's most acclaimed writers, including Lawrence Hill and Dionne Brand. Hone your skills in thinking critically about literature, media and film.

**Sample Careers:** advertising copywriter, English teacher, media relations, publishing/editing, and technical writer

## ENVIRONMENTAL GOVERNANCE ■

[admission.uoguelph.ca/Ba/Eg](https://admission.uoguelph.ca/Ba/Eg)

Understand the geographical, political and economic factors that shape environmental issues. Learn how to identify and manage these issues across sectors. Address environmental challenges through creative partnerships between governments, communities and businesses. Train to be an environmental professional at the leading edge of sustainability. Also see B.Sc. (Env.) Environmental Economics and Policy.

**Sample Careers:** policy advisor, environmental lawyer, project manager, and researcher

## EUROPEAN STUDIES

[admission.uoguelph.ca/Ba/Eurs](https://admission.uoguelph.ca/Ba/Eurs)

Ready yourself for a career in international relations or a career abroad. Become fluent in French, German, Italian or Spanish, and take courses in European history, business, political science, art, literature, and economics. You will develop intercultural skills, global understanding, and preparedness for an international career by studying in cities including Madrid, Lyon, Bremen or Venice. Focus your studies in one of two areas of emphasis: European Business; European Culture and Civilization.

**Sample Careers:** embassy officer, foreign service officer, policy advisor, and cultural event planner

## FOOD, AGRICULTURAL AND RESOURCE ECONOMICS ■

[admission.uoguelph.ca/Ba/Fare](https://admission.uoguelph.ca/Ba/Fare)

Become an expert on a current major global issue — the natural production of food — and upon graduation, enter a workforce where there are more jobs than qualified people to fill them. Explore all areas of agriculture, resources, and applied economics. Study courses in food, hunger and poverty, economics of the agri-food system, and international trade. Prepare yourself for related graduate programs and to become a decision-maker and strong leader in the agri-food sector and public agencies. Also see B.Comm. Food and Agricultural Business.

**Sample Careers:** market development economist, financial advisor/planner, farm management specialist

## FRENCH STUDIES/ ÉTUDES FRANÇAISES

[admission.uoguelph.ca/Ba/Fren](http://admission.uoguelph.ca/Ba/Fren)

Explore the music, literature, cinema, art and politics of France, Quebec and the francophone world. Complete an internship teaching French in a local school, contribute to international research or support organizations in need of translation services. Exercise your knowledge in a small classroom environment, spend a semester in France, become bilingual and acquire valuable skills for a wide range of job markets.

**Sample Careers:** communication officer, language editor, linguistics specialist, French teacher, and technical writer

## GEOGRAPHY ■

[admission.uoguelph.ca/Ba/Geog](http://admission.uoguelph.ca/Ba/Geog)

Explore the evolution of human-environment interactions from the large to the small. Build your knowledge and skill set needed to address topics ranging from community sustainability to global environmental change. Tailor your education through course selection with this flexible major. Select a complementary minor or add a certificate to your studies (p. 28). Also see B.Sc. Environmental Geomatics.

**Sample Careers:** land use planner, NGO advisor/analyst, and public sector conservation agency

## HISTORY ■

[admission.uoguelph.ca/Ba/Hist](http://admission.uoguelph.ca/Ba/Hist)

Study a range of thematic courses, including Food History, War and Society, Gender and Sexuality and Rural History. Enjoy small seminars in the first year, access to special archives and courses with community partners such as the Guelph Black Heritage Society and the Guelph Civic Museum. Graduates are flexible, intelligent, polished communicators, researchers and problem solvers who follow their passions in business, law, education, civil service, journalism, and the arts.

**Sample Careers:** archivist/historian, copywriter, public policy analyst, and foreign service officer

## INTERNATIONAL DEVELOPMENT STUDIES ■

[admission.uoguelph.ca/Ba/Ids](http://admission.uoguelph.ca/Ba/Ids)

Bring about positive change in the world. Explore the nature and impacts of economic and social development in Canada and around the world and gain experience engaging with development organizations. Tackle the big issues like poverty, social justice, food insecurity, gender, inequality and climate change. You can choose from five areas of emphasis: Agriculture and Food Security; Development in the Canadian Context; Development in Fragile Contexts; Environment and Sustainable Development; and Gender and Inclusive Development.

**Sample Careers:** Public policy analyst, NGO advisor, human rights advocate, social policy researcher, government administrator

## JUSTICE AND LEGAL STUDIES ■

[admission.uoguelph.ca/Ba/Jls](http://admission.uoguelph.ca/Ba/Jls)

Examine law, justice and judicial processes in Canada and in a global context. Evaluate how justice and legal institutions both shape and are shaped by government and society. Choose from five areas of emphasis: Canadian Politics and Governance; Global Relations and Governance; Gender and Sexuality; Arts and Humanities; and Business and Management.

**Sample Careers:** legal professional, journalist, policy analyst, NGO advisor/analyst, corporate government relations

## MAJOR TO BE DETERMINED

[admission.uoguelph.ca/Ba/Und](http://admission.uoguelph.ca/Ba/Und)

Not sure where your interests lie? Take advantage of the flexibility, breadth and scope of the BA program by test driving courses in several areas. Start in the General BA program (see page 34), and if you're interested in pursuing an Honours degree, declare one of 26 possible majors.

## MATHEMATICAL ECONOMICS ■

[admission.uoguelph.ca/Ba/Maec](http://admission.uoguelph.ca/Ba/Maec)

Sharpen your mathematics skills and solve global economic problems. Mathematical economics is

pivotal to analyzing issues like consumer behaviour, interactions among producers competing for market share, macroeconomic outcomes and international trade. Build an understanding of social policy issues and government actions, with courses in mathematics, statistics, economics, and econometrics. Get ready for a related career in industry, government or for graduate work.

**Sample Careers:** consumer behaviour analyst, economist, forensic economist, and statistician

## MATHEMATICAL SCIENCE

[admission.uoguelph.ca/Ba/Msci](http://admission.uoguelph.ca/Ba/Msci)

Tackle current issues in the arts, humanities, social sciences, business or computing by blending your studies in mathematics and statistics with a secondary field of interest. Mathematical science is key to understanding and changing the world around us. Choose from three areas of emphasis: Economics, Computer Science or an Individualized area of emphasis in humanities and social sciences. Also see B.Sc. Mathematical Science.

**Sample Careers:** market researcher, financial analyst, fraud analyst, public policy analyst, and risk manager



**MUSIC**

[admission.uoguelph.ca/Ba/Musc](https://admission.uoguelph.ca/Ba/Musc)

In the School of Fine Art and Music you can study music history, theory, ethnomusicology, composition, pedagogy, jazz and improvisation, popular music and digital music. Perform in our newly renovated performing arts wing with our award-winning choirs or ensembles. Receive 1-1 music instruction in classical or modern forms of creation including voice, turntables, drums, jazz and more. Auditions are not required for admission, but entry into specific courses will require the successful completion of an audition.

**Sample Careers:** music marketing/promotion, music teacher, music therapist, sound/recording engineer, and studio musician/accompanist

**PHILOSOPHY**

[admission.uoguelph.ca/Ba/Phil](https://admission.uoguelph.ca/Ba/Phil)

Pursue questions that have stimulated thinkers across eras and cultures. How should we live? What is it to be a person? Explore these and other topics through modern issues in artificial intelligence, politics, sexuality, and the environment in small seminars and field courses. You will acquire skills in reasoning, communication, and critical thinking, and the ability to understand the views and potential biases of others.

**Sample Careers:** lawyer, business manager, public service, and not-for-profit work sector

**POLITICAL SCIENCE ■**

[admission.uoguelph.ca/Ba/Pol](https://admission.uoguelph.ca/Ba/Pol)

As a poli-sci student, you'll explore the forces of power, authority and governance that shape the world. Analyze the causes and effects of governmental actions on a local and global scale. Understand the power of politics and its ability to influence the lives of individuals, families and communities. Also see B.Comm. Government, Economics and Management.

**Sample Careers:** public sector or non-governmental organization employee, business-government relations, journalist

**PSYCHOLOGY ■**

[admission.uoguelph.ca/Ba/Psyc](https://admission.uoguelph.ca/Ba/Psyc)

Explore the powerful inner workings of the human mind, how it works and how it affects behaviour. Analyze the emotions and motivations of individuals and groups. You'll gain a broad understanding of psychological theory and methodology including courses in research methodology, social psychology, cognitive psychology and behavioural neuroscience. Learn what makes us human and how the principles of psychology can be used to improve life.

**Sample Careers:** human resources specialist, mental health worker in treatment centre, and parole officer

**SEXUALITIES, GENDERS AND SOCIAL CHANGE <sup>NEW</sup>**

[admission.uoguelph.ca/Ba/SGSC](https://admission.uoguelph.ca/Ba/SGSC)

Examine human identity, embodiment, and self-expression alongside their connections to social, political, and cultural systems. Explore theories around feminism, transnationalism, LGBTQ+, race, masculinity, and (dis)ability. You will engage in outreach and advocacy, and work with a community partner to create meaningful social change.

**Sample Careers:** rights advocate, youth worker, political activist, policy analyst, healthcare worker, marketer, event coordinator, educators

**SOCIOLOGY**

[admission.uoguelph.ca/Ba/Soc](https://admission.uoguelph.ca/Ba/Soc)

Understand how society operates locally and globally. Learn how to assess, conduct, and use research on inequality, diversity, culture, work, education, families, youth, social movements, the environment, rurality, conflict, violence, health, media and more. Develop the skills needed to tackle social problems, make positive social change, and improve life.

**Sample Careers:** researcher, policy analyst, human resources, educator, health, social and criminal justice

**STUDIO ART**

[admission.uoguelph.ca/Ba/Sart](https://admission.uoguelph.ca/Ba/Sart)

Traditional practices meet new technologies in a rigorous creative environment. You will paint, draw, sculpt and then have the opportunity to animate, sync sound to video and design projects for 3D printing. You'll have 24/7 access to some of Canada's top workspaces and the flexibility to combine fine art with other subjects. Prepare for professional life in the arts through our galleries, workspaces, and networks, both on and off campus. No portfolio required for admission.

**Sample Careers:** artist, digital media producer, art therapist, art teacher, and work in the creative industries

**THEATRE STUDIES**

[admission.uoguelph.ca/Ba/The](https://admission.uoguelph.ca/Ba/The)

Analyze plays, attend professional productions, study theatre history, and act and produce technical work. Participate in productions as an actor or working behind the scenes in our newly renovated performing arts wing. Attend productions, meet professionals and study in Stratford, Ontario with coaches from the Stratford Festival. Auditions not required for admission.

**Sample Careers:** drama teacher, film/TV/theatre production, and playwright

**BA GENERAL DEGREE <sup>IN CLASS OR FULLY ONLINE!</sup>**

[admission.uoguelph.ca/Ba/Gen](https://admission.uoguelph.ca/Ba/Gen)

This flexible, multidisciplinary three-year degree involves a generalized study of a broad range of subjects, and allows you to tailor your studies to your interests and career plans. Choose from 15 areas of concentration, including: anthropology; English; French studies; geography; history; international development studies; mathematics; music; philosophy; political science; psychology; sociology; Spanish and Hispanic studies; statistics; theatre studies. Depending on your interests, you may need to select a mix of online, and in-class courses.



### Sample First-Year Courses

- Culture and Technology: Keywords
- European Cinema
- Introduction to Psychology
- Introductory Philosophy: Social & Political Issues
- Introduction to Anthropology
- Introductory Italian
- Introductory Microeconomics
- Understanding Politics
- Fundamentals of Arts Management
- Crime and Criminal Justice
- Amadeus to Zeppelin: Music and Culture I
- The Language of Media
- Understanding Development and Global Inequalities
- Food, Poverty and Hunger

Check out the Undergraduate Calendar to see all the available courses in the Bachelor of Arts. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).

### Our BA grads have worked here:

- *Maclean's* magazine
- California Institute of the Arts (CalArts)
- UNICEF
- Department of Foreign Affairs and International Trade
- National Gallery of Canada
- Smithsonian Institution
- Toronto Zoo

**“Economics really helped develop my writing and research skills. I enjoy the wide range of economic courses I can take, from Economic History in Canada to Game Theory! I also love getting involved on campus...it’s an amazing community here.”**

**Shuk Man Ng**  
 Bachelor of Arts, economics  
 High school: Radulphus College,  
 Willemstad, Curaçao, West Indies  
 Campus Involvement: Botany Club;  
 Peer Helper Program; Campus Friends  
 Program; U of G ambassador;  
 Student Experience Advisory  
 Committee member



# Bachelor of Arts and Sciences

**This degree will narrow your options to, well, everything.**

Knowledge doesn't have barriers, and neither should your degree. With a Bachelor of Arts and Sciences, you'll study both in equal measure, specializing in one science and one arts subject, and becoming confident in both.

Your core arts and science courses (ASCI) teach you to connect both disciplines, allowing you mobilize your knowledge, tackle complex societal issues and succeed no matter what career path you choose.

[uoguelph.ca/bas](http://uoguelph.ca/bas)

See list of minors to choose from on page 28.



## Sample Minor Combos and Career Choices

*With...*

**chemistry + art history**

Pursue a career in art restoration.

*With...*

**computing + psychology**

Pursue a career in user experience design.

*With...*

**ecology + international development studies**

Pursue a career in environmental policy analysis.

*With...*

**biochemistry + criminal justice and public policy**

Pursue a career in forensic science.

*With...*

**physics + theatre studies**

Pursue a career in lighting/sound technology.



Learn more about combining  
the best of arts and sciences!

## Sample First-Year Courses

- Society and Inquiry I
- Indigenous Language and Culture
- Introduction to Psychology
- Biology: Discovering Biodiversity
- Introduction to Theatre Studies

**Note:** Your first-year courses will depend on the two minors you select. This sample is based on a student considering a science minor in the field of biology and exploring options in the arts and social sciences. Use your first year to explore options.

## Year 1

- ASCI — Begin your journey with all other ASCI students in Society and Inquiry I and II through a series of case studies examining social forces. Learn how to locate, present and evaluate evidence. Take foundational courses of subject areas you are most interested in.

## Year 2

- ASCI — Explore how knowledge is transferred, translated and mobilized including how we understand social problems such as climate change, and vaccine hesitancy.
- You may select your specializations by year two.

## Years 3 and 4

- Take on local challenges in our community project course. Small groups partner with community organizations, research and propose solutions.
- Complete an independent study, a course designed by you — for you. In the past students have: **explored** the issues experienced by children who are homeless, and the supports offered by non-government organizations while on an exchange in Delhi, India; **tutored** at Give Yourself Credit which provides vulnerable youth the opportunity to obtain high school credits in a community setting; **worked** with the largest municipal tree planting program in North America, the Green Legacy Nursery, to understand the enormous social, environmental and economic contribution of trees.
- Combine your two specializations with a capstone research project, preparing you for graduate school.

### Our BAS grads have worked as:

- |                               |                               |
|-------------------------------|-------------------------------|
| • Environmental lawyer        | • Rural planner               |
| • Medical doctor              | • Digital marketer            |
| • Experience designer         | • Chartered financial analyst |
| • Speech language pathologist | • Aboriginal consultant       |
| • Science journalist          | • Genetic counsellor          |
| • Broadcast coordinator       | • Government consultant       |

**"I wanted to explore neuroscience but I didn't want to commit to a science program. BAS was perfect! After I finish my program at U of G, I plan to do a Master's degree and a PhD...to eventually teach at university."**

#### Cypress Marchesseau

Bachelor of Arts and Sciences, minors in philosophy, sociology, and neuroscience  
High school: Western Technical-Commercial School, Toronto, Ontario  
Campus Involvement: Bachelor of Arts and Sciences Cluster Leader; Online Community Mentor



# Bachelor of Applied Science

## Before you can Improve Life, you've got to understand it.

Our Bachelor of Applied Science degrees combine theory and practice.

You won't just learn the biological, psychological and social facets of human development and behaviour, you'll also be able to apply your knowledge in practicums and field placements, and graduate with an understanding of how to improve health and well-being at all stages of life.

[uoguelph.ca/family](http://uoguelph.ca/family)

Choose from 50+ minors to complement your major. See page 28.



## Majors

### APPLIED HUMAN NUTRITION

[admission.uoguelph.ca/Basc/Ahn](http://admission.uoguelph.ca/Basc/Ahn)

Food has a powerful influence on the lives of individuals and populations. The Applied Human Nutrition program provides a thorough understanding of all aspects of human nutrition. Lectures provide core learnings that are grounded in the biological and social sciences. Labs allow for the application of classroom instruction. New topics and emerging research are explored in small group seminars. Students may enrol in an area of emphasis in dietetics. This dietetic education program is accredited under the Partnership for Dietetic Education and Practice (PDEP) and prepares students for eligibility for registration with a provincial dietetics regulatory body.

**Sample Careers:** registered dietitian, fitness consulting, food policy analyst, and research

### CHILD STUDIES

[admission.uoguelph.ca/Basc/Cstu](http://admission.uoguelph.ca/Basc/Cstu)

The Child Studies major examines the ways that children learn, develop and grow; the psychological, physiological and social aspects of development are considered, and ways of working with children in diverse and inclusive settings are explored.

You will gain both theoretical knowledge and applied skills through coursework and guaranteed practicum placements — completing over 500 hours of practical experience working with children in a variety of settings. When you graduate, you are eligible to apply for membership in the College of Early Childhood Educators.

**Sample Careers:** early childhood education, mental health services, elementary school teaching, social work, and occupational therapy

### Our B.A.Sc. grads have worked here:

- Geneva Centre for Autism
- Upper Grand District School Board
- Toronto Public Health
- Big Brothers Big Sisters
- Six Nations Health Services

## FAMILY STUDIES AND HUMAN DEVELOPMENT

[admission.uoguelph.ca/Basc/Fshd](http://admission.uoguelph.ca/Basc/Fshd)

Develop the foundations for an exciting career working with individuals and families. This interdisciplinary program provides you with an understanding of individual and family health, well-being, and relationships across the lifespan within the context of diverse social and cultural influences. Guaranteed practicum placements of up to 336 hours allow you to practice your skills, and focus your studies in one or more areas including adult development and gerontology, sexuality and relationships, and youth studies.

**Sample Careers:** counselling or social work, elementary/secondary teaching, working with older adults, health promotion, and sexuality education

### Sample First-Year Courses

#### Applied Human Nutrition

- Understanding Foods
- Introduction to Psychology
- Couple and Family Relationships
- Introduction to Nutrition

#### Child Studies

- Genetics and Society
- Couple and Family Relationships
- Infant Development
- Introduction to Psychology

#### Family Studies and Human Development

- Human Development
- Sociology
- Introduction to Psychology
- Couple and Family Relationships

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).

\* Course selection will vary by major.



Learn more about human development and behaviour!

**“I was drawn to Child Studies because it offers many opportunities to gain practical experience through practicums. It was amazing to be able to earn my undergraduate degree and become a registered early childhood educator at the same time.”**

#### Megan Coghill

Bachelor of Applied Science, child studies  
High school: Woodstock Collegiate Institute, Woodstock, Ontario  
Campus Involvement: Peer Helper with Student Accessibility Services; LINK Program volunteer; Campus Day volunteer; Residence Visit volunteer



# Bachelor of Bio-Resource Management

## Study our most valuable resources, then become one.

Think business and science are mutually exclusive? Think again. In U of G's BBRM program, you'll learn the ins and outs of science, tech and business as you prepare for a career that balances the natural world with the business one.

Choose from one of three majors, participate in faculty-led field trips and earn course credit for research and summer job experience.

[uoguelph.ca/oac/bbrm](http://uoguelph.ca/oac/bbrm)



## Majors

### ENVIRONMENTAL MANAGEMENT ■

[admission.uoguelph.ca/Bbrm/Em](http://admission.uoguelph.ca/Bbrm/Em)

Combine environmental science with business. Study questions like, how do we fix a damaged ecosystem? And can businesses use AND protect the environment? Courses focus on environmental care and policy, ecology and use of natural resources. Graduate with unique skills and know how to make good decisions for the environment.

**Sample Careers:** environmental consultant, environmental protection officer and policy analyst

Applicants to the environmental management major who lack 4U (or grade 12) chemistry must take a replacement credit in semester one.

### EQUINE MANAGEMENT ■

[admission.uoguelph.ca/Bbrm/Eqm](http://admission.uoguelph.ca/Bbrm/Eqm)

Make a career out of your love of horses. Hands-on learning will expand your understanding of this awesome animal and the unique care they require. Learn about biology, physiology, business and horse behaviour while practicing horse care and handling skills. Courses also showcase all of the unique job opportunities available. Students also take this major as an entry point to the field of veterinary medicine.

**Sample Careers:** breeding and foaling manager, equine event/facility manager, equine marketing, and sales and promotion

Effective for fall 2023, admission requirements to Equine Management change to: ENG4U, SBI4U, SCH4U, 1 4U Math course, and two additional 4U/M courses.

### Our BBRM grads have worked here:

- Greenhawk Equestrian Sport
- Algonquin Wildlife Research Station
- TD Canada Trust
- Canadian Food Inspection Agency

## FOOD INDUSTRY MANAGEMENT ■

[admission.uoguelph.ca/Bbrm/Fim](http://admission.uoguelph.ca/Bbrm/Fim)

Kick-start your career by understanding the science and business of food. Courses focus on developing a unique skill set in food science, economics and business. You'll mix theoretical and hands-on study to find the right place for your interests. Learn how to balance cost, quality and deliciousness. Graduate with skills that are in high demand by food companies around the world.

**Sample Careers:** research and development manager in food manufacturing, food safety manager, and logistics/supply chain manager

### Sample First-Year Courses

#### Environmental Management

- Discovering Biodiversity
- Introduction to Canadian Business Management
- Introduction to Molecular and Cellular Biology
- Individuals and Groups in Organizations
- Introduction to Environmental Economics, Law and Policy

#### Equine Management

- Introduction to Molecular and Cellular Biology
- Introduction to Equine Management
- Introductory Financial Accounting
- Principles of Animal Care and Welfare
- Equine Anatomy and Physiology

#### Food Industry Management

- Biological Concepts of Health
- Introduction to Molecular and Cellular Biology
- Business Mathematics
- Economics of the Agri-Food System

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).



Learn more about combining  
business, tech and science!



**“This program was perfect for me because it is the most unique equine experience for students looking to get into the equine industry. The program is very hands-on and features opportunities like the equine internship which is an opportunity for students to get real-world experience.”**

#### Rachel Chater

Bachelor of Bio-Resource Management, equine management  
High school: Collingwood Collegiate Institute, Collingwood, Ontario  
Campus Involvement: BBRM Student Council OAC rep;  
IHSA Western Horsemanship captain; Equine Internship program;  
Equestrian Club treasurer; BBRM Curriculum Committee

# Bachelor of Computing

**Ones and zeros and infinite opportunities. Bachelor of Computing is a digital grounding like no other.**

Today's world of computing extends human knowledge and solves problems in business, science, education, and entertainment.

As a computing student, you will select an area of application to give you the comprehensive knowledge and experience employers want. Choose courses driven by current research interests of our faculty, and work in the newly renovated building, featuring innovative lab spaces, work areas and teaching/research labs.

[uoguelph.ca/computing](http://uoguelph.ca/computing)



## Majors

### COMPUTER SCIENCE ■

[admission.uoguelph.ca/Bcomp/Csci](http://admission.uoguelph.ca/Bcomp/Csci)

Develop a theoretical foundation, practical experience in software development, and an introduction to hardware. Focus on programming and the theory of computation, choose electives that match your interests, such as artificial intelligence, computer security, and game programming.

**Sample Careers:** software developer, game programmer, mobile application developer, web infrastructure developer, and systems architect

### SOFTWARE ENGINEERING ■

[admission.uoguelph.ca/Bcomp/Se](http://admission.uoguelph.ca/Bcomp/Se)

Learn how to program and use algorithms to complete large-scale software projects in teams by creating user interface designs, prototypes, and the final implementation. Choose electives to match your interests, such as artificial intelligence, computer security, and mobile computing.

**Sample Careers:** software developer, game programmer, mobile app developer, cloud developer

### What's the difference between the two majors?

In computer science, you focus on programming, fundamental computing theory and computational problem-solving. Software engineering focuses on computing skills and professional software practices. A computer scientist makes the app work quickly and efficiently, while a software engineer leads the app development process and ensures it is user-friendly.

### Guelph Women in Computer Science (GWICS)

This student organization supports and provides resources for women in Computing. They host events, and support students' attendance at tech conferences.

## Areas of Application = Career Choices

With **computing and biology**, work in bioinformatics and support biological research that relies on the speed and accuracy of purpose-built software.

With **computing and psychology**, focus on human-computer interaction and the effects of interface design on usability.

With **computing and business**, join the world of e-commerce, create of an electronic business application or inventory management system.

With **computing and your chosen area**, do what you love and land your dream job!

### Our B.Comp. grads have worked here:

- Amazon
- Microsoft
- Apple
- Google
- Morgan Stanley
- Bloomberg LP

### Sample First-Year Courses

#### Computer Science

- Programming
- Discrete Structures in Computing I
- Calculus I
- Intermediate Programming

#### Software Engineering

- Software Design I
- Programming
- Discrete Structures in Computing I
- Software Design II
- Linear Algebra I

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).



Learn more about computing!

**“When I started at U of G, I didn’t know what I wanted to study, and I certainly didn’t know how to code. I took an Introduction to Programming course during my first year and fell in love, eventually choosing to switch into software engineering.”**

#### Maddie Gabriel

Bachelor of Computing, software engineering  
High school: Oakville Trafalgar High School, Oakville, Ontario  
Campus Involvement: Co-founder and co-president of GWICS (Guelph Women in Computer Science); Learning Services Peer Helper at McLaughlin Library; Undergraduate Teaching Assistant for the School of Computer Science

# Bachelor of Commerce

## Learn to use business as a force for good.

Fewer than 6% of the world's business schools have earned the prestigious accreditation that U of G's Gordon S. Lang School of Business and Economics has. For more than 50 years, U of G has transformed students into leaders of the Canadian and global economies. Explore how ethical and sustainable leaders are the future of business.

Gain knowledge in the fundamentals including marketing, economics, management and accounting and add specialty subjects such as real estate, and sport management. Complete a minor in a complementary area of business, study abroad for a semester, and apply in-class learning to real-world challenges through your co-op placement and community-based projects.

At Lang, we aim to develop leaders who will use business to improve life in their communities and abroad through our hands-on, collaborative learning environment.

[uoguelph.ca/lang](http://uoguelph.ca/lang)

**AACSB accredited, the gold standard  
for global business schools.**



# Majors

## ACCOUNTING ■

[admission.uoguelph.ca/Bcom/Acct](https://admission.uoguelph.ca/Bcom/Acct)

Achieve a highly respected professional designation and a successful career in business and accounting. The courses in Lang's accounting program are all acknowledged requirements ahead of becoming a Chartered Professional Accountant (CPA) of Ontario. Complement your accounting focus with in a secondary area such as leadership, data analytics, business sustainability, marketing, international business, or human resources management. Upon graduation, you can pursue a 4-month graduate diploma in accounting that will advance your standing in achieving your CPA designation.

**Sample Careers:** public accountant, financial analyst, controller, and management consultant

## FOOD AND AGRICULTURAL BUSINESS ■

[admission.uoguelph.ca/Bcom/Fab](https://admission.uoguelph.ca/Bcom/Fab)

Find yourself a place in Canada's second largest industry — agriculture and food. In food and agricultural business, you will explore accounting, economics, finance, marketing, production, organizational behaviour, policy planning and implementation. Become equipped with analytical, entrepreneurial and leadership skills for a variety of professional opportunities in this dynamic and innovative sector, domestically and internationally. Also see BA Food, Agricultural and Resource Economics.

**Sample Careers:** account executive, policy analyst and consultant, and manager/consultant in agribusiness finance



Learn more about  
Lang business!

"I looked for a university that would help me grow as a person, aside from just academics. The collaborative, innovative, and sustainable culture at U of G is what really attracted me. The Commerce program encourages working in collaborative environments where I can learn from and grow with my peers."

**Dua Sohail**

Bachelor of Commerce, accounting (co-op),  
minor in human resources  
High school: Milton District High School,  
Milton, Ontario  
Campus Involvement: Accounting Students  
Association, Ambassador; Management  
Economics and Finance Students Association,  
Director of Finance; CPA Ontario,  
U of G Board Ambassador

The Lang BComm program  
is ranked #2 in Canada for  
its focus on responsible  
business education\*

\*Corporate Knights 2020 ranking

## GOVERNMENT, ECONOMICS AND MANAGEMENT ■

[admission.uoguelph.ca/Bcom/Gem](http://admission.uoguelph.ca/Bcom/Gem)

Combine politics, law and business and explore the unique intersection of the public sector with business and economics. Develop transferable business skills in law, human resources, marketing, accounting and finance, and pursue diverse career opportunities within the public, private and voluntary sectors. A great choice for students hoping to pursue law school.

**Sample Careers:** governmental policy analyst, business development specialist, legislative assistant, and corporate accounts manager

## MANAGEMENT ■

[admission.uoguelph.ca/Bcom/Man](http://admission.uoguelph.ca/Bcom/Man)

Gain strategic leadership and management skills that prepare you to become an organizational leader. Explore broad management topics such as project management, decision-making, team motivation, negotiation and conflict management, while exploring other business courses. You'll gain a strong foundation in business with an emphasis in leadership and management studies, and it's flexible enough for you to add a minor, certificate and specialized electives. For example, if you know you want to work as a Certified Human Resource Leader (CHRL), choose this major and pursue a minor in Human Resources.

**Sample Careers:** management consultant, project manager, general manager, and business analyst

## MANAGEMENT ECONOMICS AND FINANCE ■

[admission.uoguelph.ca/Bcom/Mef](http://admission.uoguelph.ca/Bcom/Mef)

Integrate the analysis of economics and finance with the practical tools of accounting, business management and marketing in management economics and finance. Specialize your major even further by focusing on either managerial economics or finance. With either choice, your thinking will become more disciplined, structured and critical, yet open-minded. Apply this to all types of social, management and business issues. Enjoy the intellectual, rewarding challenge and a career to match. Graduates of this major have made an impact in the banking and finance world. Also see BA, Economics.

**Sample Careers:** financial analyst, economist, policy analyst, accountant, and investment banker

## MARKETING MANAGEMENT ■

[admission.uoguelph.ca/Bcom/Mkmn](http://admission.uoguelph.ca/Bcom/Mkmn)

Gain a better understanding of consumer behaviour and decision-making — critical skills for any marketer — with Lang's marketing management major. You will receive solid, core business skills in accounting, HR and management while exploring a wide variety of marketing specific courses like consumer psychology, market research, marketing communications, and consumer law. Prepare for diverse marketing career paths and leadership roles, while becoming a more engaged and global citizen.

**Sample Careers:** marketing director, retail buying consultant, brand manager, market research, and public relations

## REAL ESTATE ■

[admission.uoguelph.ca/Bcom/Re](http://admission.uoguelph.ca/Bcom/Re)

Meet the high demand for employees in the real estate industry. Develop analytical, conceptual and management skills relevant to the field. Your core business curriculum will be supplemented by industry-relevant real estate studies; you could then be exempt from certain professional certifications and designations, such as the "Accredited Appraiser Canadian Institute" (AACI) designation.

**Sample Careers:** property or asset manager, development coordinator, commercial real estate broker, housing policy advisor, and financial analyst

## SPORT AND EVENT MANAGEMENT ■

[admission.uoguelph.ca/Bcom/Spmt](http://admission.uoguelph.ca/Bcom/Spmt)

Learn key aspects of the sport and event management industry including sponsorship, media, event hosting, and organizational leadership. You'll gain a strong foundation in business and sport business discipline. Through the Lang's International Institute for Sport Business and Leadership, you will connect with industry, and benefit from a joint partnership between the School and the Department of Athletics.

**Sample Careers:** athletics manager, sport operations manager, business development event and sponsorship manager, and player development coordinator

## UNDECLARED ■

[admission.uoguelph.ca/Bcom/Und](http://admission.uoguelph.ca/Bcom/Und)

Want a commerce degree, but not ready to commit to a specialized major? Begin with courses that foster a smooth transition to a specialization in second year. Choose your major at the end of your first year. If you are interested in the sport and event management major, admission beyond first year is limited, so you are encouraged to apply directly from high school. If you want co-op, we recommend you apply to the co-op stream of the major that most interests you directly from high school; space is limited.

**Note:** If you are interested in co-op, we strongly recommend you apply to co-op programs directly from high school. In-course students can be considered for co-op, but space is limited. Eligibility is subject to your University of Guelph average and availability in the program and major.

### Our B.Comm. grads have worked here:

- Google
- Microsoft
- PepsiCo
- Canadian Tire
- Maple Leaf Sports & Entertainment
- KPMG
- Fidelity Investments

## Sample First-Year Courses

- Introduction to Business
- Introductory Microeconomics
- Introductory Macroeconomics
- Introductory Financial Accounting
- Introductory Marketing
- Individuals and Groups in Organizations
- Business Mathematics

### Options may include:

- Canadian Government and Politics
- Introduction to Psychology
- Economics of the Agri-Food System
- Principles of Management
- The Business of Sport and Event Tourism

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).

\* Course selection will vary by major.



# Bachelor of Engineering

## Design, create, solve. Repeat.

As a U of G engineering student, it will be you who improves the world, amplifies human capabilities and makes people's lives safer and better.

You'll explore real-world issues, design solutions and systems, and collaborate with your peers.

After first year, you will have already completed one major design project, and you'll complete at least one design project in each year of your program. This hands-on design sequence gives you the competitive advantage.

[uoguelph.ca/engineering](http://uoguelph.ca/engineering)



## Majors

### BIOLOGICAL ENGINEERING ■

[admission.uoguelph.ca/Beng/Bioe](http://admission.uoguelph.ca/Beng/Bioe)

Combine engineering principles with life sciences to design creative solutions for biological systems. Our interdisciplinary curriculum includes areas such as pharmaceutical and food manufacturing; bioinstrumentation and biosensing and production of sustainable, bio-based materials. Be prepared for an exciting career in a vast number of related fields.

**Sample Careers:** process engineer, research and development engineer, and food product development engineer

### BIOMEDICAL ENGINEERING ■

[admission.uoguelph.ca/Beng/Biomed](http://admission.uoguelph.ca/Beng/Biomed)

Innovate engineering principles and technologies to design ways of improving human and animal health and quality of life. Study anatomy, physiology and human kinetics, and courses in electronics, mechanics and computer science. Examine biosystems from molecular to a full-body scale to understand the repercussions of disease or injury. You can also explore elective opportunities in biomechanics, pharmaceutical processing and biosignals.

**Sample Careers:** prosthetic designer, physician, medical imaging, and human factors engineer

### COMPUTER ENGINEERING ■

[admission.uoguelph.ca/Beng/Compeng](http://admission.uoguelph.ca/Beng/Compeng)

Computer engineering combines computer science and electrical engineering. Study and apply algorithmic, electronic and digital design principles to the design, construction, implementation and maintenance of software and hardware components of modern computing systems. In third and fourth year, select your electives in one or more focus areas to customize your career opportunities: internet of things, software design, artificial intelligence (AI), robotics and circuit design.

**Sample Careers:** computer design engineer, software/hardware engineer, artificial intelligence developer

## ENGINEERING SYSTEMS AND COMPUTING ■

[admission.uoguelph.ca/Beng/Esc](https://admission.uoguelph.ca/Beng/Esc)

Develop computer-based systems that are crucial to everything from aircraft to the human body. Explore software development, computing hardware design, fluid mechanics and thermodynamics, control and modelling. In third and fourth year, select your electives from one or more focus areas: biomedical, control systems, mechatronics and robotics, embedded systems, or human-centred computing, then pursue a career to match.

**Sample Careers:** software developer, robotics and automation engineer and mechatronics engineer

## ENVIRONMENTAL ENGINEERING ■

[admission.uoguelph.ca/Beng/Enve](https://admission.uoguelph.ca/Beng/Enve)

This interdisciplinary major fuses engineering and science principles. You will design treatment processes and systems to identify, prevent and clean up pollution of our land, water and air. Gain globally-recognized skills and background to work in government both locally and internationally, and in consulting, industry and research. Explore elective opportunities that focus on areas such as water and wastewater treatment design, air emission control, watershed system design and remote sensing and geographic information system (GIS) technology.

**Sample Careers:** air quality engineer, environmental lawyer, and environmental affairs manager



Learn more about engineering!

“In the 11<sup>th</sup> grade, I took a campus tour at U of G. I fell in love with the campus, the sense of community, the facilities, and of course, the food. I chose environmental engineering because of my appreciation for the environment. One thing that I love about my program is the amount of hands-on lab work that I do.”

**Eliana Taylor**  
Bachelor of Engineering, environmental engineering  
High school: Kingsway Academy, Nassau, Bahamas  
Campus Involvement: Varsity swimming athlete,  
Caribbean Culture Club member

## MECHANICAL ENGINEERING ■

[admission.uoguelph.ca/Beng/Me](https://admission.uoguelph.ca/Beng/Me)

Become pivotal to the design, manufacturing and maintenance of systems in mechanical engineering. Explore elective opportunities that broaden your general mechanical engineering knowledge base. Focus on areas such as sustainable energy, mechatronics, manufacturing system design, biomechanics, and biomedical. Pursue limitless career options in the private and public sectors.

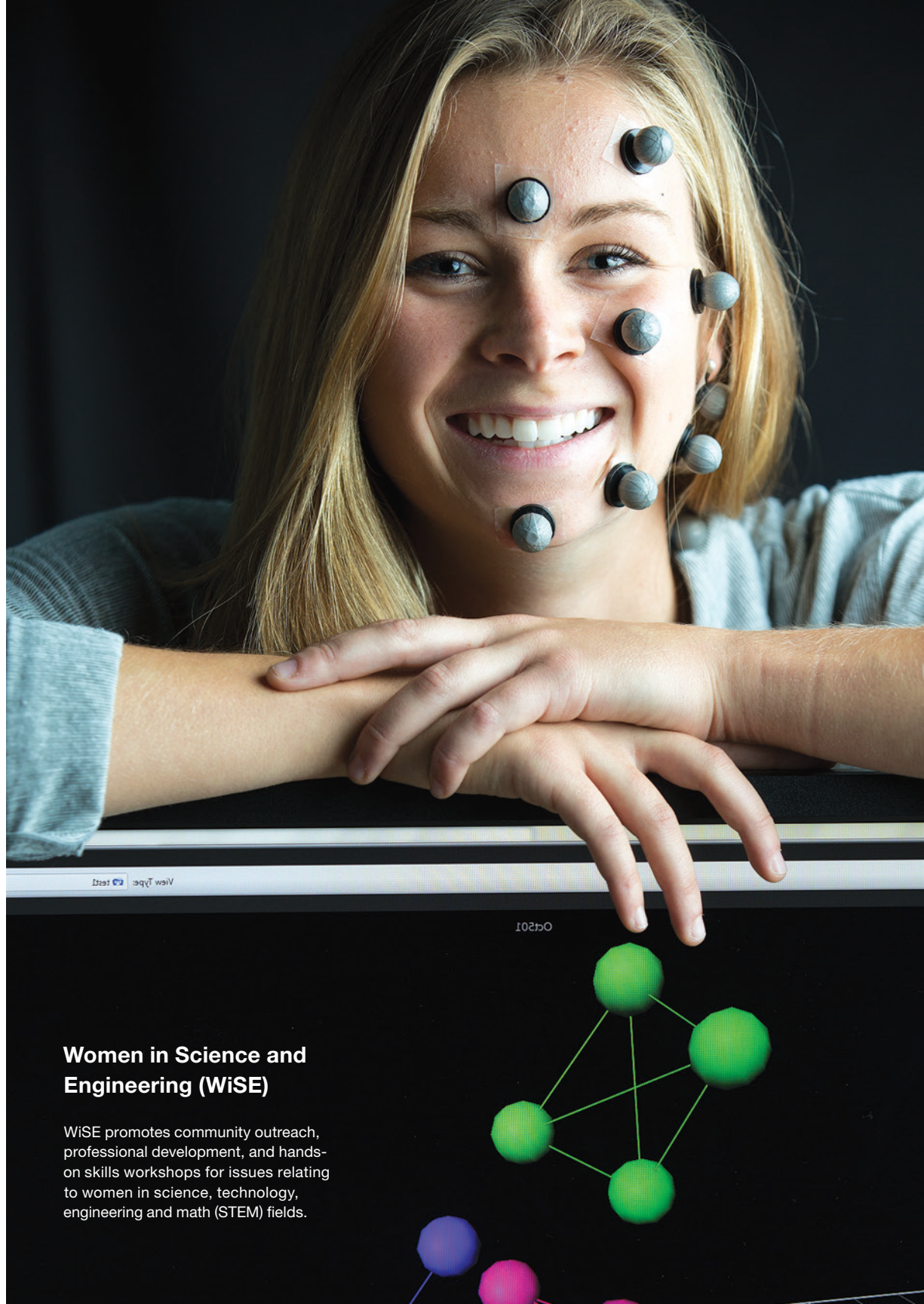
**Sample Careers:** aerospace project coordinator, manufacturing engineer, robotics, automation engineer

## WATER RESOURCES ENGINEERING ■

[admission.uoguelph.ca/Beng/Wre](https://admission.uoguelph.ca/Beng/Wre)

The world needs engineers to design solutions for the management of water and land resources. Evaluate watershed management options; design flood and erosion control systems, water supply and treatment systems and water distribution networks, including water security systems. Choose electives in areas such as water conservation, river restoration, storm water management, meteorology and geology. Develop policies for the preservation of water systems, and use geographic information systems for computerized data management.

**Sample Careers:** emergency spill response engineer, municipal coordinator, watershed manager, river control engineer, and water resources designer



## Women in Science and Engineering (WiSE)

WiSE promotes community outreach, professional development, and hands-on skills workshops for issues relating to women in science, technology, engineering and math (STEM) fields.

## UNDECLARED ■

[admission.uoguelph.ca/Beng/Und](http://admission.uoguelph.ca/Beng/Und)

Want an engineering degree but still undecided on a discipline? Choose the undeclared option: your first semester will be the same as all other engineering majors, then select your major by the start of semester 3. To pursue co-op, we recommend that you apply to your major of choice with co-op directly from high school; space can be limited as an in-course student.

**Note:** If you are interested in co-op, we strongly recommend you apply to co-op programs directly from high school. In-course students can be considered for co-op, but space is limited. Eligibility is subject to your University of Guelph average and availability in the program and major.

### Our B.Eng. grads have worked here:

- Google
- Tesla
- PepsiCo
- Bombardier
- Adidas
- Mondelez International

### Sample First-Year Courses

#### Semester 1

- General Chemistry 1
- Engineering and Design 1
- Calculus I
- Physics with Applications
- One of Engineering Analysis or Programming

#### Semester 2

- Engineering Mechanics 1
- Calculus II
- Introductory Electricity and Magnetism
- Two others as described in the program guide

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).

\* courses will vary depending on your major



# Bachelor of Indigenous Environmental Science and Practice'

## Become a leader in a movement that combines Indigenous and Western science.

Explore diverse views on environmental issues and learn how to make decisions about land use, conservation and sustainability. Discover how history, colonization, law and technology impact our environment.

[uoguelph.ca/oac/biesp](http://uoguelph.ca/oac/biesp)



## Program Flexibility and a Co-op Option

Offered in co-op, this program offers you flexibility to select from a variety of courses. You'll participate in field trips to Indigenous communities, discussion circles and ceremonies and interactive labs. You'll learn from Indigenous Elders and Knowledge Holders.

## You are an agent of change

Together we must create a better future for all beings. Our existence is intertwined with the rocks, the plants, the finned, the furred, the feathered, the four-legged, two-legged, many-legged and no-legged, those who creep and walk and swim and fly — all our relations. Support a world that is more respectful and responsive.

As a graduate of this program, you will be able to braid together Indigenous and Western science and knowledge and see the environment through a uniquely valuable lens that is in demand by communities, governments, organizations and businesses.

**Sample Careers:** environmental scientist, environmental consultant, environmental policy maker, environmental educator, environmental lawyer or advocate.



**Learn more about the combination of Indigenous and Western sciences!**

## Sample First Year-Courses

- Introduction to Indigenous Environmental Science and Practice
- Calculus I
- General Chemistry I
- Natural History of the Great Lakes Region
- Indigenous Knowledge for Environmental Science and Practice
- Indigenous Language and Culture

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).



# Bachelor of Landscape Architecture

## A one-of-a-kind degree, by design.

As a landscape architect, you will create and improve natural and built environments using art, technology, natural systems and an understanding of human behaviour. You'll graduate prepared to design communities, neighborhoods, urban centres, play spaces and outdoor recreational areas anywhere in the world. The challenge? Designing places that are as attractive as they are useful and sustainable.

[uoguelph.ca/oac/bla](http://uoguelph.ca/oac/bla)



You'll learn from talented professionals and have freedom to explore ideas. Your projects are self-directed and require verbal and design skills. Studio projects and design workshops help you understand the professional methods, and students find work placements through our large (and global) alumni network.

**Sample Careers:** landscape architect, urban designer, environmental design and landscape rehabilitation, resorts and destination, designer

**This is the only accredited program of its kind in Canada.**

\*Accredited by the Landscape Architecture Accreditation Council (LAAC) of the Canadian Society of Landscape Architects, meeting the educational requirements for entry into the professional associations of landscape architects across Canada, North America, and abroad.

### Sample First-Year Courses

- Design and Communication Studio
- History of Cultural Form
- Foundational Design Studio
- Planting Design
- Materials and Techniques
- Philosophy of the Environment

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).

### Background Information Form (BIF)

You are required to submit a Background Information Form (BIF) as part of your application to showcase your understanding of and passion for the profession. The BIF deadline is March 1, 2022 and can be found at [admission.uoguelph.ca/bla\\_bif](http://admission.uoguelph.ca/bla_bif) on December 1, 2021.



Learn more about landscape architecture!



### Our BLA grads have worked on these projects:

- Toronto Beltline, A Smart-track GO Station Design; Toronto
- Xianyu Wellness Resort; China
- Mesopotamian Heritage Tourism Landscape Project; Hillah, Iraq
- Winter Outside, Urban Playground; Edmonton
- Riverfront Regeneration; Lisbon, Portugal
- Kayanase Ecological Landscape Restoration; Six Nations
- Ebb & Flow, Reconnecting Iqaluit; Nunavut



**“Choosing the BLA program at U of G was an obvious decision for me. I love the opportunity to work with practiced landscape architects. The small program size also helps the student environment and allows for our professors to really get to know us.”**

**Cara Lozano**  
 Bachelor of Landscape Architecture  
 High school: Blessed Trinity Catholic Secondary, Grimsby, Ontario  
 Campus Involvement: Landscape Architecture Student Society (LASS)

# Bachelor of One Health'

## Because human, animal and ecosystem health are all one health.

What do you study when you have interests in the environment and biodiversity, anthropology and geography, animal and wildlife biology, veterinary and human health science, and culture and community engagement? A rapidly emerging field called One Health. And the U of G is the ideal place to study this because we have award-winning expertise in the three fields of human, animal and ecosystem health.



### New for fall 2022!

In One Health, you'll tackle some of our most complex health challenges such as infectious diseases, food insecurity, climate change, and biodiversity loss using an interdisciplinary approach. Composed of three pillars — human health, animal health and ecosystem health — this program operates on the premise that lasting solutions to health challenges can only be achieved by considering all three in concert.

You'll develop a working knowledge of interactions among humans, animals, and their environments and an appreciation of diversity and the social and scientific determinants of health. Using systems thinking, creativity, communication, and collaboration, you will evaluate the impact of these factors on health outcomes for individuals, populations, and ecosystems, and inform future health practices and policy.

You'll choose an area of emphasis and your courses will reflect that.

- Disease, Complexity and Health
- Environment, Food and Health
- Policy, Economics and Health
- Culture, Society and Health

This program is offered in both co-op and regular.

### Sample Careers

- Public health
- Environmental or health policy analyst
- Community engagement for addiction and mental health
- Resource management and conservation
- Food security



Learn more about human, animal and ecosystem health — One Health!

You will have the skills and knowledge to succeed in research or as a practitioner in the fields of human or animal health, public health, agri-food industries, health technology, or resource and ecosystem management across private industry, governmental and non-governmental organizations. You'll also be prepared to pursue professional programs such as human or veterinary medicine and law or enter in to graduate work.

### Sample First-Year Courses

- Biological Anthropology
- Biological Concepts of Health
- Introduction to Molecular and Cellular Biology
- Human Impact on the Environment
- Discovering Biodiversity
- Introduction to One Health
- Chemistry I and II

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).



# Bachelor of Science in Agriculture

**No other degree in Canada can help you grow like this one.**

By 2050, there will be nine billion people in the world to feed. Agriculture is about food, science, business and responsibly using land and resources to bring healthy and sustainable food to the world. In agriculture, you can work anywhere: with people, animals or plants. Make a serious impact on improving our world and find yourself at the forefront of one of Canada's largest industries.

[uoguelph.ca/oac/bsc-agr](http://uoguelph.ca/oac/bsc-agr)



## Majors

### ANIMAL SCIENCE

[admission.uoguelph.ca/Bscag/Ansc](http://admission.uoguelph.ca/Bscag/Ansc)

If you want to make a positive impact on how we raise animals, agriculture is the place to be. Explore how you can improve welfare and performance through nutrition, breeding and care. You will select courses that meet your specific interests (nutrition, welfare and genetics) to prepare yourself for the career you want in animal production and health. Students also take this major as an entry point to the field of veterinary medicine. Also see B.Sc. Animal Biology.

**Sample Careers:** livestock nutritionist, genetics consultant, marketing coordinator, and sales representative

### CROP SCIENCE

[admission.uoguelph.ca/cropsci](http://admission.uoguelph.ca/cropsci)

There are so many issues you can tackle as a student in crop science! You can focus on the production of field crops for food, fuel, and biomaterials. You can learn about the latest scientific advancements that could solve problems in agronomy and cropping, study how to feed the world's growing population, and protect the environment.

**Sample Careers:** agricultural consultant, agronomic advisor, crop production specialist, pest management specialist, plant breeder, research associate

### HONOURS AGRICULTURE

[admission.uoguelph.ca/Bscag/Agrr](http://admission.uoguelph.ca/Bscag/Agrr)

Interested in agriculture, but can't pick your favorite part? This major allows you to explore all of your interests. Choose the courses and research projects that link to your career goals. Your studies will combine core "ag" science with courses in business, animals, plants and the environment. Plus, graduates of this choose-your-own-adventure major have flexibility when entering the job market.

**Sample Careers:** agriculture consultant, educator, government regulator/advisor and agriculture journalist

## HORTICULTURE

[admission.uoguelph.ca/hort](https://admission.uoguelph.ca/hort)

Plants are used for food, flowers, and medicine. Discover the systems behind plants and how to use science to improve the horticultural industry. Gain experience in greenhouses and controlled environment systems, explore pest management, plant physiology and plant breeding.

**Sample Careers:** crop production specialist, horticulturalist, greenhouse facility manager

**Careers in food, science, education, environmentalism, business or technology! This degree can get you there, with 4 jobs for every grad... and demand is growing!**

### Sample First-Year Courses

- Introduction to the Agri-Food Systems
- Biology of Plants and Animals in Managed Ecosystems
- General Chemistry I and II
- Economics of the Agri-Food System
- Agroecology

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).

The common first year of the degree gives you the flexibility to select one of four majors.

### Our B.Sc. (Agr.) grads have worked here:

- Corteva Agriscience
- Farm Credit Canada
- Farm & Food Care
- RBC Royal Bank
- Syngenta
- Semex



Learn more about food, science, business and sustainability!

"I knew that I really wanted to study agriculture, and if you're going to study agriculture, the University of Guelph is the best place to go. I have always been motivated to make a difference by helping to feed Canada and the world, so I am excited to be a part of a program that teaches and motivates me to achieve that goal. I can't wait to start exploring the different jobs and research opportunities that are out there because there are many — 4 jobs for every grad!"

#### Kurtis Pilkington

Bachelor of Science in Agriculture, honours agriculture  
High school: Preston High School, Cambridge, Ontario  
Campus Involvement: External vice-president, Student Federation of the OAC (2019/2020), 2020 class president, class valedictorian



# Bachelor of Science in Environmental Sciences

**The world needs environmental scientists like never before.**

You see the news. Environmental problems are engulfing our world. We need your passion and brainpower to turn things around. Join the movement and protect our natural world. Broaden your exposure and influence with experiential education, co-op and overseas studies. Face environmental problems with a unique U of G perspective: understanding the essential connection between humans and our world.

[uoguelph.ca/oac/bsc-env](http://uoguelph.ca/oac/bsc-env)



## Majors

### ECOLOGY ■

[admission.uoguelph.ca/Bscenv/Ecol](http://admission.uoguelph.ca/Bscenv/Ecol)

Why do species become endangered? What happens to an ecosystem when a species is removed? Learn how plants, animals, and microbes interact with their surroundings. Explore how humans can help and hinder these connections. Your courses will include lectures, labs and field trips that will set you up to make ecologically sound decisions in your career.

**Sample Careers:** habitat conservation and restoration consultant, environmental protection agent, scientific writer/editor, and conservation ecologist

### ENVIRONMENT AND RESOURCE MANAGEMENT ■

[admission.uoguelph.ca/Bscenv/Erm](http://admission.uoguelph.ca/Bscenv/Erm)

Build an environmental scientist's tool box that is founded in the biophysical sciences and balanced by social sciences to develop and implement effective solutions to today's environmental challenges. Gain the skills to apply concepts and theory, supported by evidence-based decisions that lead to sound management and governance. Also see BA Geography, B.Sc. Environmental Geomatics.

**Sample Careers:** community land use planner, planning design coordinator, and geographic information systems analyst

### ENVIRONMENTAL ECONOMICS AND POLICY ■

[admission.uoguelph.ca/Bscenv/Eep](http://admission.uoguelph.ca/Bscenv/Eep)

Figure out how to set environmental policy and sway behaviour. Combine science, economics, law, and politics to offer creative solutions. Study the factors that encourage people to take action and change consumer behaviour. Learn from case studies and research to get ready for an impactful career or grad studies.

**Sample Careers:** environmental policy analyst, resource management specialist, environmental law, and business sustainability manager

## ENVIRONMENTAL SCIENCES ■

[admission.uoguelph.ca/Bscenv/Envsci](https://admission.uoguelph.ca/Bscenv/Envsci)

Look at the big picture to unpack the Earth's chemical, physical and biological processes. Solve our most complex environmental problems related to water, air and land use. Courses focus on scientific principles and human impact. Hands-on labs and field trips will get you ready for many career options.

**Sample Careers:** environmental scientist, air and water quality monitoring specialist, and environmental coordinator/analyst

### Our B.Sc. (Env.) grads have worked here:

- McKenzie Lake Lawyers LLP
- Fisheries and Oceans Canada
- Environment and Climate Change Canada
- Stantec
- Alberta Parks
- Ontario Ministry of Agriculture, Food and Rural Affairs

### Sample First Year Courses

#### Semester 1

- Discovering Biodiversity
- General Chemistry I
- Introduction to Environmental Sciences
- Elements of Calculus I

#### Semester 2

- General Chemistry II
- Introduction to Molecular and Cellular Biology
- Introduction to Environmental Economics, Law & Policy
- Introduction to the Biophysical Environment

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees).



Learn more about  
environmental sciences!

"I chose U of G because of the campus culture and environment – and the environmental science program is an amazing extension of that. With the general first year in environmental sciences, I was given time to grow into my interests and make the right choices."

#### Ibrahim Aburaneh

Bachelor of Science in Environmental Sciences  
High school: Galt Collegiate Institute, Cambridge, Ontario  
Campus Involvement: Environmental Science student rep; SES peer mentor;  
(environmental science student executive) member  
OAC social media content creator; ESSE

# Bachelor of Science

## Studying science at U of G won't just expand your mind, it'll expand your options.

Not sure if your interests lie in theoretical physics or neuroscience? Are you thinking food science is your end goal but then you discover nutritional and nutraceutical sciences? Is microbiology with a minor in biotechnology your path? Our Bachelor of Science degree is flexible. We know that you may not have it all figured out in your final year of high school. With a common first year, introductory courses will enable you to explore and find where your passions lie.

From modelling the complexities of ecological systems to defining atomic behaviour, you will gain the knowledge, the skills and the drive to improve our world for tomorrow. Study with highly respected research scientists, and make discoveries that will aid humankind, planet Earth and beyond.

[bsc.uoguelph.ca](http://bsc.uoguelph.ca)



## Majors

### ANIMAL BIOLOGY

[admission.uoguelph.ca/Bsc/Abio](http://admission.uoguelph.ca/Bsc/Abio)

Explore genetics, physiology, behaviour, welfare, and nutrition. Obtain a broad overview of animal production systems and animal bioscience, and learn the science of breeding, feeding, care and management of agricultural animals. Expand your knowledge with electives, senior courses and undergraduate research projects. Build a career in veterinary medicine, the nutrition industry, animal care and welfare, or education and research. Also see B.Sc. (Agr.) Animal Science.

**Sample Careers:** animal bioscience specialist, animal behaviourist/animal care, veterinarian, and product quality controller

### BIOCHEMISTRY ■

[admission.uoguelph.ca/Bsc/Bioc](http://admission.uoguelph.ca/Bsc/Bioc)

Combine practical laboratory training in biochemistry, molecular biology and microbiology with courses in areas such as immunology, enzymology or physiology. Gain real-world experience from co-op work terms, and complete an undergraduate research project. Enjoy challenging careers in medicine, pharmacy, academic research, governmental regulatory work, or in related business fields.

**Sample Careers:** research biochemist, forensic scientist, sales and marketing, and scientific writing

### Our grads have worked here:

- World Wildlife Fund
- Health Canada
- The Hospital for Sick Children
- Oxford University
- Government of Canada
- Jamieson Vitamins
- Toronto Zoo



Learn more about the sciences!

## BIODIVERSITY

[admission.uoguelph.ca/Bsc/biod](http://admission.uoguelph.ca/Bsc/biod)

Discover the exciting field of biodiversity science with U of G's Biodiversity Institute of Ontario (BIO). BIO is leading global efforts to understand the unity and diversity of all life on Earth. Be a part of it. Explore natural selection, evolution, genetic variation, life cycles, ecosystem structure, population dynamics and more. Complete field experiences and consider an international exchange or internship to expand your understanding of biodiversity.

**Sample Careers:** museum curator/scientist/technician, bio-pro prospector, and conservation biologist

## BIOLOGICAL AND MEDICAL PHYSICS ■

[admission.uoguelph.ca/Bsc/Biomp](http://admission.uoguelph.ca/Bsc/Biomp)

Many areas of biological and medical physics have important implications for human health, like the probing of molecular structure in muscle by X-ray diffraction. Study courses such as Biophysics of Excitable Cells, Radioactivity and Radiation Interactions, Molecular Biophysics, and Clinical Applications of Physics in Medicine, building a solid knowledge base for careers in fields such as clinical research and health services.

**Sample Careers:** magnetic resonance imaging specialist, CAT scan technician, and forensic scientist

## BIOLOGICAL AND PHARMACEUTICAL CHEMISTRY ■

[admission.uoguelph.ca/Bsc/Bpc](http://admission.uoguelph.ca/Bsc/Bpc)

Explore biological processes through the deeper insight and molecular understanding that biological and pharmaceutical chemistry provides. In this area of growth, discover the opportunities to combine the powers of chemistry with exciting developments in biology. Through hands-on laboratory training, develop a strong foundation in chemistry, especially synthetic and analytical chemistry, combined with biochemistry and microbiology.

**Sample Careers:** cancer researcher, pharmacist, forensic pharmacist, and biopharmaceutical analyst

"I love math and writing so, U of G's flexibility is perfect — I'm majoring in mathematical science and minoring in creative writing!"

### Mackenzie Cameron

Bachelor of Science, mathematical science, creative writing minor  
High School: Christ the King Catholic Secondary School, Georgetown, Ontario  
Campus Involvement: Varsity cross-country and track and field athlete; co-lead Student Athlete Mental Health Initiative; Math and Stats Club president; ultimate frisbee intramural participant.



**BIOLOGICAL SCIENCE**

[admission.uoguelph.ca/Bsc/Bios](https://admission.uoguelph.ca/Bsc/Bios)

Design a major to fit your interests and career goals with biological science. Foundation courses cover molecular biology and genetics, biochemistry, evolution, physiology, ecology and statistics. Build on this with science electives chosen from a broad range of subject areas. Add a minor in the arts, social sciences, sciences, or business. Pursue an international exchange. Gain the entrance requirements for professional programs including medical and veterinary schools.

**Sample Careers:** public health administrator, sales, research and development, and teacher

**BIO-MEDICAL SCIENCE**

[admission.uoguelph.ca/Bsc/Biom](https://admission.uoguelph.ca/Bsc/Biom)

Play a role in building a healthier society with bio-medical science. Focus on the prevention of disease and the maintenance of good health through the study of nutrition, physiology, anatomy, genetics and epidemiology. Plan, conduct and analyze your own research project and apply the knowledge and skills gained through this major to professional studies, graduate programs or a career in the health sciences.

**Sample Careers:** physician/dentist/veterinarian, professor/scientist, and medical sales

**BIOMEDICAL TOXICOLOGY ■**

[admission.uoguelph.ca/Bsc/biotox](https://admission.uoguelph.ca/Bsc/biotox)

Explore the effects and mechanisms of action of toxic substances in biomedical toxicology. Study substances of interest including pharmaceuticals, metals, industrial chemicals, and natural toxins. Examine toxicological testing required to ensure the safety of new drugs, consumer products, pesticides and industrial chemicals before they go to market. Develop a strong foundation in science disciplines pertinent to toxicology and forge a related career.

**Sample Careers:** physician/veterinarian, pharmacist, pharmaceutical product developer, regulatory toxicologist, and toxicology consultant

**CHEMICAL PHYSICS ■**

[admission.uoguelph.ca/Bsc/Chpy](https://admission.uoguelph.ca/Bsc/Chpy)

Blend areas of physics and chemistry to explore molecular systems, foster a broad skill set with courses such as Thermodynamics and Kinetics, and Atomic and Molecular Physics. Employ advanced techniques, including thin film preparation and Fourier transform infrared spectroscopy. Access some of the world's most respected scientists and a variety of possible careers in industry, government or academia.

**Sample Careers:** physician, medical safety officer, forensic scientist, and clinical biochemist

**CHEMISTRY ■**

[admission.uoguelph.ca/Bsc/Chem](https://admission.uoguelph.ca/Bsc/Chem)

Face the challenges of our world today — from the development of space age materials to the synthesis of new pharmaceutical products — with chemistry. Gain practical laboratory training; complete research with award-winning faculty and participate in the co-op option for work experience. Study physical, theoretical, analytical, organic and inorganic chemistry to harness analytical and practical skills for graduate or professional programs, and your career.

**Sample Careers:** analytical chemist, consumer product chemist, environmental analyst, and physician



## ENVIRONMENTAL BIOLOGY

[admission.uoguelph.ca/Bsc/Envb](http://admission.uoguelph.ca/Bsc/Envb)

Examine the impacts of climate change and learn about insect diversity, water-borne diseases, and plant pathology. Develop an understanding of the impact of interactions between humans and the environment at the molecular, population and community levels. Initiate solutions for a variety of environmental problems. Go on to further academic studies or careers in the public and private sectors. Also see B.Sc. (Env.) Environmental Sciences.

**Sample Careers:** forest microbiologist, plant pathologist, and entomologist

## ENVIRONMENTAL GEOMATICS ■

[admission.uoguelph.ca/Bsc/Eg](http://admission.uoguelph.ca/Bsc/Eg)

Combine physical geography and field research with computer-aided spatial analysis (e.g., geographic information systems, aerial and satellite image analysis) to study the natural and human-induced forces that are shaping our planet. You will be equipped to assess and address the impacts of natural hazards on society such as flood-plain mapping and emergency management, human impacts on environment (e.g., water pollution and watershed management); and how natural systems are changing due to climate change (e.g., mapping of invasive species). Also see B.Sc. (Env.) Environment and Resource Management.

**Sample Careers:** professional geoscientist, geomatics specialist, and geomorphologist



"I chose U of G because it has a very strong bio-medical science program and I fell in love with the campus and community. It's the only program in Ontario that allows students to dissect cadavers as a part of anatomy. Exclusive courses — with a variety of classes to help you discover your interests — is why this program is perfect for me."

### Mohamed Negmi

Bachelor of Science, bio-medical science  
High school: Abbey Park High School, Oakville, Ontario  
Campus Involvement: College of Biological Sciences student governor; founder of Spero Foundation Club; SafeWalk volunteer; intramural men's soccer league champion



**FOOD SCIENCE ■**

[admission.uoguelph.ca/Bsc/Food](http://admission.uoguelph.ca/Bsc/Food)

Explore the processing and product development of safe and healthy foods, and fill the gap between the production of farm goods and the year-round delivery of food products to the global consumer. Apply your skills learned in chemistry, food processing, microbiology, quality assurance and sensory evaluation to the development of a food product from idea generation through to product marketing. For registered dietitian, please see B.A.Sc. Applied Human Nutrition.

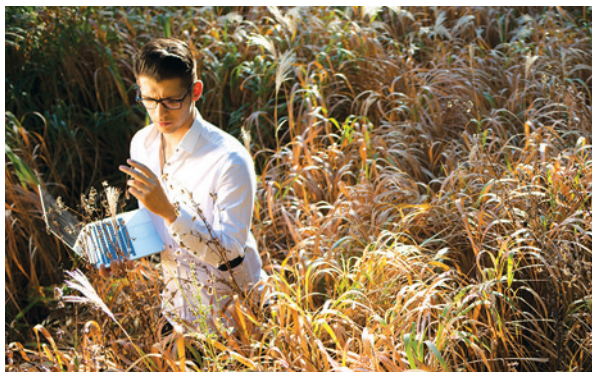
**Sample Careers:** food safety research analyst, food product developer, technical sales and food business entrepreneur

**HUMAN KINETICS**

[admission.uoguelph.ca/Bsc/Hk](http://admission.uoguelph.ca/Bsc/Hk)

Explore the biological aspects of human movement, function, and performance in health, aging, and chronic disease. Study nutrition, physiology, biomechanics, anatomy, genetics, and genomics. Experience comprehensive hands-on laboratories in exercise testing and assessment of human movement, and an in-depth dissection-based anatomical study of the human body. Gain the requirements to become a certified kinesiologist. Pursue graduate work or a variety of related professional programs. If you're interested in kinesiology, please see the University of Guelph-Humber B.A.Sc. Kinesiology program.

**Sample Careers:** health researcher, kinesiologist, physiotherapist, and ergonomist

**MARINE AND FRESHWATER BIOLOGY ■**

[admission.uoguelph.ca/Bsc/Mfb](http://admission.uoguelph.ca/Bsc/Mfb)

Explore the ecology of freshwater and marine environments, and work with aquatic organisms in the state-of-the-art Hagen Aqualab. Examine management and conservation issues. Participate in field courses in arctic, tropical or temperate regions, or in exchange programs with universities in Europe, New Zealand, Australia and Fiji. Prepare for related post-graduate work, and pursue careers in biology, management and conservation, aquaculture, biotechnology, education, and research either in government or the private sector. Also see B.Sc.(Env) Ecology.

**Sample Careers:** marine biologist, oceanographer, aquaculture specialist, and conservation biologist

**MATHEMATICAL SCIENCE**

[admission.uoguelph.ca/Bsc/MS](http://admission.uoguelph.ca/Bsc/MS)

Discover how mathematics and statistics can be applied to the sciences to solve real world issues. Combine your studies with a secondary field of interest to customize your degree to your interests and career goals. Mathematical science is key to understanding and changing the world around us, and will prepare you for a wide range of opportunities. Areas of emphasis include Bioinformatics; Biomathematical modeling; Computer Science. Also see BA Mathematical Science.

**Sample Careers:** data scientist, fraud and risk analyst, and computational biologist

**MICROBIOLOGY ■**

[admission.uoguelph.ca/Bsc/Micr](http://admission.uoguelph.ca/Bsc/Micr)

Study the smallest and most predominant organisms on the planet: bacteria, archaea, viruses, yeasts and moulds. Explore varied topics from deep sea ecosystems to the normal microbial inhabitants of the human body, to practical matters of public health. With optional co-op, you can discover the medical, industrial and environmental impacts of microorganisms and learn about the methods used to study and utilize them for biotechnology or bioremediation.

**Sample Careers:** food and drug microbiologist, clinical laboratory researcher and pharmacist

**MOLECULAR BIOLOGY AND GENETICS ■**

[admission.uoguelph.ca/Bsc/Mbg](http://admission.uoguelph.ca/Bsc/Mbg)

Explore genomes, the genetics of microorganisms, plants and animals, and the structure and function of cells. Discover how significant advances in molecular and cellular biology can be applied to gene therapy, genetic testing, biopharmaceuticals or crop production. Participate in research projects with professors to gain additional hands-on training for a career in this exciting field.

**Sample Careers:** geneticist, medical laboratory researcher, forensic scientist, and genetic counsellor

**NANOSCIENCE ■**

[admission.uoguelph.ca/Bsc/Nano](http://admission.uoguelph.ca/Bsc/Nano)

Discover the science of the very small in nanoscience. Draw upon chemistry and physics to develop a thorough understanding of this innovative field; learn to control the atom-by-atom assembly of matter, form quantum dots and nanowires, and analyze structures and devices whose dimensions lie in the nanometre range. Discover nanoscience from the research lab to the industrial and consumer realms.

**Sample Careers:** nanolithography process designer, nanoparticle toxicologist, and cancer nanotechnologist

**NEUROSCIENCE**

[admission.uoguelph.ca/Bsc/Neuro](http://admission.uoguelph.ca/Bsc/Neuro)

Explore the brain, the most poorly understood organ in the human body, and the source of many disorders and diseases. Study contemporary problems and research tools in neuroscience and further your knowledge of the nervous system. Structure your program with electives to emphasize aspects of molecular/cellular, behavioural and cognitive, and biomedical neuroscience.

**Sample Careers:** public health and policy, biotechnology, neuroethics, and neuro-engineering

## NUTRITIONAL AND NUTRACEUTICAL SCIENCES

[admission.uoguelph.ca/Bsc/Nans](http://admission.uoguelph.ca/Bsc/Nans)

Tackle nutrition-related problems in the food, pharmaceutical and natural health product industries. Focus on the contribution of dietary intake to the growth and maintenance of biological functions. Understand how nutrients, phytochemicals, toxins and food processing products affect the body. Work in international health and nutrition organizations, government regulatory bodies and advisory agencies, or pursue related graduate studies. To become a Registered Dietitian, please see B.A.Sc. Applied Human Nutrition.

**Sample Careers:** research and development, food and natural health product industries and health marketing

## PHYSICAL SCIENCE

[admission.uoguelph.ca/Bsc/Psci](http://admission.uoguelph.ca/Bsc/Psci)

Create your own curriculum and explore physical science. Focus on chemistry, computing and information science, mathematics, physics or statistics. Choose a minor in subjects like biotechnology, geographic information systems, psychology or business to meet your career goals or pursue professional schools.

**Sample Careers:** scientific writer, teacher, investment analyst, and atmospheric scientist

## PHYSICS ■

[admission.uoguelph.ca/Bsc/Phys](http://admission.uoguelph.ca/Bsc/Phys)

Explore the exotic aspects of the universe in physics. Study black holes and subatomic particles, develop exciting modern devices like particle accelerators and gamma-ray spectrometers. Acquire quantitative skills and logical thinking. Take specialized courses in experimental laboratory techniques, optics and science communication. Be well-equipped for high-tech careers in industry, government or academia.

**Sample Careers:** fibre optics and photonics researcher, meteorologist/climatologist, forensic scientist, and nuclear energy specialist

## PLANT SCIENCE ■

[admission.uoguelph.ca/Bsc/Plsc](http://admission.uoguelph.ca/Bsc/Plsc)

Explore the intricacies of plants through the study of their diversity, growth, development, environmental interactions and various economic uses. Gain knowledge of advances in molecular biology, plant ecology, systematics, physiology, botany, genetics, agriculture, ethnobotany and biotechnology. Become a leader in the field of plant science and contribute to society's need for the efficient production of healthy foods and improved environmental management.

**Sample Careers:** agricultural biotechnologist, biosafety officer, and ecosystem biologist

## THEORETICAL PHYSICS

[admission.uoguelph.ca/Bsc/Thpy](http://admission.uoguelph.ca/Bsc/Thpy)

Theoretical physics is a more mathematically oriented approach to physics that develops mathematical skills in studying topics like black holes, the internal structure of protons and neutrons and high-temperature superconductivity. Your physics and math courses will build problem solving and computing abilities for a wide variety of careers.

**Sample Careers:** cosmologist, financial modelling consultant, and quantum computing researcher

## WILDLIFE BIOLOGY AND CONSERVATION ■

[admission.uoguelph.ca/Bsc/Wlbc](http://admission.uoguelph.ca/Bsc/Wlbc)

Explore prominent worldwide issues such as the depletion of natural resources and global climate change. Study ecology and the evolution of organisms to begin tackling these issues, and gain an understanding of plant and animal conservation. Practical experience gained in lab, field and research courses, combined with knowledge of strategies for conservation, management and policy, will broaden future opportunities in this field. Also see B.Sc.(Env) Ecology.

**Sample Careers:** animal researcher, habitat conservationist, park warden, and fisheries consultant

## ZOOLOGY

[admission.uoguelph.ca/Bsc/Zoo](http://admission.uoguelph.ca/Bsc/Zoo)

We share planet Earth with 30 million other animal species, and virtually nothing is known about most. Gain deeper insight into the diversification of life through a broad foundation in ecology, evolution, and vertebrate and invertebrate biology. Participate in a field course, international exchange, or research project, and contribute to our knowledge of the animal kingdom.

**Sample Careers:** behavioural primatologist, veterinarian, and contaminants evaluation officer



### Sample First-Year Courses

#### Semester 1

- Biology I
- General Chemistry I
- Physics I
- Calculus I
- One Elective

#### Semester 2

- Biology II
- Biology III or elective
- General Chemistry II
- Physics II
- Mathematical or computational science elective or liberal education elective

Check out the Undergraduate Calendar for more available courses. Go to [admission.uoguelph.ca/degrees](http://admission.uoguelph.ca/degrees).

\* With the common first-year courses in sciences, you have the flexibility to transfer between majors.

# Doctor of Veterinary Medicine

## The #1 ranked vet school in Canada.

Since 1862, OVC has excelled in teaching the art of veterinary medicine and in developing the very best in those who practise it. The study of veterinary medicine is a dynamic blend of science, technology and experience. At OVC, students can follow their passion, find their calling, and discover how they can contribute to the ever-evolving world of medicine, care, scientific discovery, and community.

The Doctor of Veterinary Medicine program is accredited by the Canadian and American Veterinary Medical Associations.

[ovc.uoguelph.ca](http://ovc.uoguelph.ca)

## OVC ranks 1<sup>st</sup> in Canada, 3<sup>rd</sup> in North America and 5<sup>th</sup> in the World, Veterinary Science Rankings!

(QS, 2021)

### Career choices of Veterinarians in Canada:

#### Clinical careers 75%

- Companion animal 45%
- Mixed animal 21%
- Large animal 9%
- Government 10%

#### Non-clinical careers 25%

- Industry 6%
- Research, teaching and academia 5%
- Other 4%

## FAQs

### When can I apply to the DVM program?

Before applying to the DVM program, you must complete two years of a full-time undergraduate degree and eight prerequisite courses. You can then submit an application to the DVM program in your third year. Full time is a minimum of five one-semester courses or 15 credit hours per semester.

### What courses should I take in high school?

You should take courses that provide you with the admission requirements for your program of interest. You can pursue any degree program so long as it allows you to complete the prerequisites you need to apply to the DVM program. If you're interested in a science program you should take high school Biology, Chemistry, Physics, Advanced Functions or Calculus.

### How do I get veterinary experience?

The best way to know if becoming a veterinarian is for you is to gain first-hand experience. You can get this through job shadowing, working, or volunteering with veterinarians. To find a listing of licensed veterinarians and clinics in Ontario, go to the College of Veterinarians of Ontario website at [cvo.org](http://cvo.org). If you own an animal, start by asking your own veterinarian if you can volunteer at their clinic. You can also contact local stables, animal shelters, zoos, and food animal producers to see if they offer volunteer/work positions.

While in university, check if your school has a laboratory animal facility there, and if so, connect with the veterinarian in charge. You can also participate in research with a veterinarian in academia or job shadow one of the many veterinarians working in the government.



Learn more about  
veterinary medicine!

## How can I gain experience with animals?

Work with livestock, equestrian activities and any other animal-related hobby or experience. Contact local stables, animal shelters, zoos, and food animal producers to see if they offer volunteer/work positions. Experience does not include personal animal ownership.

## Which university should I attend for my undergraduate studies?

If you've attended an accredited university or college and completed the minimum admission requirements you can apply to the OVC. If you are completing your undergraduate degree at another institution, please contact the DVM Admission Counsellor at [admdvm@uoguelph.ca](mailto:admdvm@uoguelph.ca) to ensure the courses you select meet the prerequisite requirements.

For more FAQs, please visit: [ovc.uoguelph.ca](http://ovc.uoguelph.ca)

For more information about DVM admission, please email [admdvm@uoguelph.ca](mailto:admdvm@uoguelph.ca).

## Admission Information and Requirements

- Completion of a minimum of two years of a full-time undergraduate degree. Applications to the Doctor of Veterinary Medicine (DVM) program can be submitted during your third year of studies.
- Completion of eight prerequisite courses completed at the degree level: cell biology; biochemistry; genetics; statistics; two biological sciences; and two humanities and/or social sciences.
- Experience with veterinarians and animals
- Submission of a Background Information Form
- Letters of Reference (two must be from veterinarians with whom you have worked)
- An interview
- CASPer Situational Judgment Test
- Canadian applicants, including dual citizens, must be residents of Ontario. A "resident" is someone who has resided in Ontario for 12 months, exclusive of time spent in a post-secondary institution.

Visit [ovc.uoguelph.ca](http://ovc.uoguelph.ca) for requirements.

**"The Ontario Veterinary College is known for its tight-knit community that aims to help their students succeed in every way. My love for animals, people and the environment led me to this career choice, and I could not be happier. Every professor is extremely passionate about what they teach and always willing to go above and beyond to help prepare us for our future."**

**Simi Dhanota**

Doctor of Veterinary Medicine

High school: Turner Fenton Secondary School, Brampton, Ontario

Campus Involvement: Surgery Club co-president; OVC Diverse vice president; OTS Fraternity; OVC women's ice hockey team



# Associate Diplomas

## Unique, two-year programs that get your career going quickly.

Try out the latest tech, explore industry trends and access ground-breaking research. These unique programs within the university system are usually two years (four semesters) and often include a work placement to build your experience.

These diplomas prepare graduates for their desired careers in less time than a typical university degree, but also open doors to further studies. Most students realize they love school in a whole new way when their studies are about topics they care about. If that's the case for you, you can always explore the degree transfer opportunities available.



## Guelph Campus

### ASSOCIATE DIPLOMA IN TURFGRASS MANAGEMENT ▲

[admission.uoguelph.ca/DipTurf](http://admission.uoguelph.ca/DipTurf)

Interested in science, sports and being outside? You've found your program. Launch your career in sports field and golf course management, park operations or sod production. Courses blend scientific study with hands-on learning, field trips and a co-op workterm. You'll also use the lab facilities of the University, including the Guelph Turfgrass Institute. Leave with in-demand skills and a network of turf professionals, employers and mentors.

**Sample Careers:** sports field manager, golf course superintendent, lawn care specialist, sod production manager, and sales manager

**Application Note:** Admission is determined by a combination of your academic average and faculty evaluation of the required Background Information Form (BIF). The BIF can be found at [admission.uoguelph.ca/supforms](http://admission.uoguelph.ca/supforms).

### TRANSFER OPPORTUNITIES

You can transfer from DTM to a degree program if you have a cumulative average of 75% or higher. You may qualify for advanced standing.

### Sample First Year Courses

- The Turf Industry
- Turf Environmental Management
- Turf Irrigation and Drainage
- Landscape Design
- Plant Biology
- Turf Communication Skills
- Turf Equipment
- Turf Soil Principles



Learn more about the turfgrass industry!

**“The camaraderie and connections I developed in the turfgrass management program are invaluable. It's a smaller program and you really get to know and build a relationship with your peers, instructors and industry leaders.”**

**Chao Yuan (Tommy) Wang**  
Diploma in Turfgrass Management  
High School: Park Street Secondary School, Orillia, Ontario

# Ridgetown Campus



## ASSOCIATE DIPLOMA IN AGRICULTURE ■

[ridgetownc.com/dagr](http://ridgetownc.com/dagr)

Learn what you need to know to run or contribute to a successful “ag” business. Prepare yourself with the science, tech and business know-how needed. You choose your interests and focus on areas in crops, business, livestock, or fruit and vegetables.

**Sample Careers:** agricultural finance manager, feed sales manager, precision agriculture technician, farm manager, and crop consultant

## ASSOCIATE DIPLOMA IN ENVIRONMENTAL MANAGEMENT ■

[ridgetownc.com/denm](http://ridgetownc.com/denm)

Meet environmental questions with real-world answers. Build your skills to secure a career in conservation, water or resource management. Labs, field trips and an industry work placement will strengthen your knowledge.

**Sample Careers:** environmental farm plan consultant, environmental or research technician, renewable energy plant operator, and water treatment plant operator

## ASSOCIATE DIPLOMA IN EQUINE CARE AND MANAGEMENT ■

[ridgetownc.com/decm](http://ridgetownc.com/decm)

Follow your passion to a rewarding career with horses. Enhance your knowledge with applied skills in equine care, management and business. Learn about nutrition, breeding, health, and complete an industry work placement.

**Sample Careers:** equine marketing and sales representative, horse breeder, horse trainer, professional groomer, and stable or barn manager



## ASSOCIATE DIPLOMA IN HORTICULTURE ■

[ridgetownc.com/dhrt](http://ridgetownc.com/dhrt)

Find your career in one of the many greenhouse and landscaping options. Enhance your creativity and skills through practical labs in our on-campus greenhouses. Get to know the over 700 species of trees, shrubs, and flowers across campus.

**Sample Careers:** assistant greenhouse grower, horticultural technician, landscaping contractor, medical cannabis production assistant, and parks and recreation technician

## ASSOCIATE DIPLOMA IN VETERINARY TECHNOLOGY\*■

[ridgetownc.com/dvt](http://ridgetownc.com/dvt)

Learn from experienced industry professionals in courses and labs. Receive the specialized knowledge and skills required to become a companion or large animal veterinary technician. This program is accredited by the Canadian and American Veterinary Medical Association, and the Ontario Association of Veterinary Technicians.

**Sample Careers:** veterinary technician, government inspector, pharmaceutical technical representative, and specialty or referral hospital technician

\*The Associate Diploma in Veterinary Technology is offered in both a 2- and 3-year format. The 2-year conventional format is all on-campus and runs from September through April. The 3-year alternative format offers some courses by distance learning and three consecutive summer semesters at the Ridgetown Campus.

### Transfer from Ridgetown to Guelph

Transfer opportunities are available to diploma students who meet the admission requirements for their chosen degree. Students transferring from any associate diploma to a degree program will require 4U high school requirements or equivalents in addition to a minimum cumulative average in their diploma.

For Ridgetown Campus tour information, please contact (519) 674-1500 Ext. 63256 or visit [ridgetownc.com/openhouse](http://ridgetownc.com/openhouse)



# University of Guelph-Humber



## Why Choose the University of Guelph-Humber?

### Honours degree and diploma in 4 years!

We are proud to offer you an innovative approach to post-secondary education which ensures you graduate with a university honours degree and a diploma in four years of full-time study in one location. The University of Guelph-Humber, located in Toronto, provides a focused curriculum combined with hands-on workplace experience, preparing you for success in your career, professional school or graduate program. Join our community as we celebrate our 20<sup>th</sup> anniversary in fall 2022!

[guelphhumber.ca/futurestudents](http://guelphhumber.ca/futurestudents)



### Partnership

The University of Guelph-Humber is a collaboration between the University of Guelph and Humber College Institute of Technology & Advanced Learning (Humber). Our programs draw from the expertise and knowledge of both renowned institutions.

### Degree + Diploma

You earn an honours degree from the University of Guelph and a diploma from Humber, concurrently, in four years of full-time study.

### Focused Academic Programs

Each program's combination of knowledge and experience prepares you for anything: start your career, or apply to graduate school or professional programs.

### Close-Knit Community

With a population of 4,900 students and an average class size of 49, you can easily connect with classmates, professors and staff. You'll be welcomed, recognized on campus and supported.

### Industry Connections

Workplace experience is built into every program and complements your academic study. Build confidence, knowledge, skills and expertise in your industry.

### Location

You will study at our facility on Humber's North Campus in Toronto, Canada's largest and most diverse city.



## Admission Requirements

- Ontario Secondary School Diploma (or equivalent).
- A minimum of six 4U/M courses (or equivalent), inclusive of subject requirements.
- Estimated cut-off admission average for all programs is 75–80%. If you have an admission average of 70–74.9%, it is strongly recommended that you submit a Student Profile to be considered for admission.

## Applying

Canadian high school students are encouraged to apply by January 13, 2022 to be considered for all rounds of admission. Transfer and international students should visit [guelphhumber.ca/futurestudents](https://guelphhumber.ca/futurestudents) for specific application deadlines.

## Entrance Scholarships

[guelphhumber.ca/futurestudents](https://guelphhumber.ca/futurestudents)

### Founders' Academic Merit Scholarship

\$36,000 (\$9,000 x 4)

- 10 available each year
- Minimum 90% admission average
- Must demonstrate high academic achievement and superior leadership ability
- Application required

### Vice-Provost Entrance Scholarship

\$20,000 (\$5,000 x 4)

- 7 available each year
- Awarded to student with highest admission average per program
- Automatically considered

### Renewable Entrance Scholarship

Up to \$14,000 (over 4 years)

- Automatically considered with a final admission average of 75% or higher
- First-year award levels range from \$2,000 to \$5,000

For more information about the University of Guelph-Humber, please visit [guelphhumber.ca/futurestudents](https://guelphhumber.ca/futurestudents), email us at [futurestudent@guelphhumber.ca](mailto:futurestudent@guelphhumber.ca) or call 416.798.1331 x6056.

## Programs

- **Business**  
Honours Bachelor of Business Administration  
+  
Diploma in Business Administration
- **Community Social Services**  
Honours Bachelor of Applied Science in Community Social Services  
+  
Social Service Worker Diploma
- **Early Childhood Studies**  
Honours Bachelor of Applied Science in Early Childhood Studies  
+  
Diploma in Early Childhood Education
- **Justice Studies**  
Honours Bachelor of Applied Science in Justice Studies  
+  
Diploma in Police Foundations or Community and Justice Services
- **Kinesiology**  
Honours Bachelor of Applied Science in Kinesiology  
+  
Diploma in Fitness and Health Promotion
- **Media and Communication Studies**  
Honours Bachelor of Applied Arts in Media and Communication Studies  
+  
Diploma in Media Communications
- **Psychology**  
Honours Bachelor of Applied Science in Psychology  
+  
Diploma in General Arts and Science  
+  
Optional certificate (granted by Humber) in Intercultural Relations, Organizational Behaviour or Research Skills and Analysis

## Take the first steps

The University of Guelph is committed to fostering a safe environment where everyone experiences an authentic sense of inclusion and belonging. We welcome applications from coast to coast, from around the globe and from down the street. Our students are some of the best and brightest in the country. Your application to the University of Guelph is your passport to one of Canada's most comprehensive universities and a welcoming university experience. We look forward to meeting you.



# Ontario Admission Requirements

Program	Majors	Ontario High School Requirements	Estimated Cut-off Ranges**	Notes
<b>Associate Diplomas</b> 4 semesters page 70	<b>Associate Diplomas in:</b> <ul style="list-style-type: none"> <li>• Agriculture (Ridgetown)</li> <li>• Environmental Management (Ridgetown)</li> <li>• Equine Care and Management (Ridgetown)</li> <li>• Horticulture (Ridgetown)</li> <li>• Turfgrass Management▲</li> <li>• Veterinary Technology (Ridgetown)</li> </ul>	<ul style="list-style-type: none"> <li>• Secondary School Diploma (OSSD)</li> </ul> <b>Veterinary Technology:</b> <ul style="list-style-type: none"> <li>• OSSD with credits in SBI3C or SBI3U; SCH3U or SCH4C; MTC4C or MAP4C, or any 4U Math; and ENG4C or any 4U English.</li> </ul>	65–70%	Consult the associate diploma program calendar <a href="http://uoguelph.ca/diploma_calendar">uoguelph.ca/diploma_calendar</a> for program details.  Turfgrass applicants are required to complete a Background Information Form. See page 70 for more details.  'U' level course minimum final grade must be 65%; 'C' level course minimum final grade must be 75%.
<b>Bachelor of Arts</b> 6 semesters (General Degree); 8 semesters (Honours Degree) page 30	<ul style="list-style-type: none"> <li>• Anthropology■</li> <li>• Art History</li> <li>• Classical Studies</li> <li>• Creative Writing</li> <li>• Criminal Justice and Public Policy■</li> <li>• Culture and Technology Studies■</li> <li>• Economics■</li> <li>• English</li> <li>• Environmental Governance■</li> <li>• European Studies</li> <li>• Food, Agricultural and Resource Economics■</li> <li>• French Studies</li> <li>• Geography■</li> <li>• History■</li> <li>• International Development Studies■</li> <li>• Justice and Legal Studies■</li> <li>• Major to be Determined</li> <li>• Mathematical Economics■</li> <li>• Mathematical Science</li> <li>• Music</li> <li>• Philosophy</li> <li>• Political Science■</li> <li>• Psychology■</li> <li>• Sexualities, Genders and Social Change</li> <li>• Sociology</li> <li>• Studio Art</li> <li>• Theatre Studies</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• 5 additional 4U or 4M courses</li> </ul>	75–80% for all majors, except Criminal Justice and Public Policy, and Psychology (80–85%).	Completion of Advanced Functions (MHF4U) is highly recommended for Economics, Food, Agricultural and Resource Economics, Mathematical Economics or Mathematical Science; these majors require knowledge in math. A 4U math is recommended for students pursuing other social science majors.  Students not admitted to Criminal Justice and Public Policy will be automatically considered for Bachelor of Arts, Justice and Legal Studies. Students not admitted to Psychology will be automatically considered for Bachelor of Arts, Sociology.
<b>Bachelor of Arts and Sciences</b> 8 semesters (Honours Degree) page 36		<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• Advanced Functions (MHF4U)</li> <li>• 2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>• 1 4U or 4M Arts or Social Studies course</li> <li>• 1 additional 4U or 4M course</li> </ul>	78–83%	Arts and social studies courses include languages and literatures, performing arts, social sciences, geography, and history. This includes 4U/4M courses that begin with C, H, A or L.  Core courses are complemented by two minors of your choice — one science, and one arts or social science. See page 28 for a list of minors.
<b>Bachelor of Applied Science</b> 8 semesters (Honours Degree) page 38	<ul style="list-style-type: none"> <li>• Applied Human Nutrition</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• 1 4U math course</li> <li>• Biology (SBI4U)</li> <li>• Chemistry (SCH4U)</li> <li>• 2 additional 4U or 4M courses</li> </ul>	80–85%	
	<ul style="list-style-type: none"> <li>• Child Studies</li> <li>• Family Studies and Human Development</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• 1 4U math course</li> <li>• 1 of Biology (SBI4U), Chemistry (SCH4U), Introductory Kinesiology (PSK4U)</li> <li>• 3 additional 4U or 4M courses</li> </ul>	76–81%	4U Biology is recommended
<b>Bachelor of Bio-Resource Management</b> 8 semesters (Honours Degree) page 40	<ul style="list-style-type: none"> <li>• Environmental Management■</li> <li>• Equine Management■</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• Biology (SBI4U)</li> <li>• 4 additional 4U or 4M courses</li> </ul>	75–80%	4U Chemistry and a 4U Math are strongly recommended.  <b>Effective for fall 2023, required courses for Equine Management will be ENG4U, SBI4U, SCH4U, 1 4U Math course and two additional 4U/M courses.</b>
	<ul style="list-style-type: none"> <li>• Food Industry Management■</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• Advanced Functions (MHF4U)</li> <li>• Biology (SBI4U)</li> <li>• Chemistry (SCH4U)</li> <li>• 2 additional 4U or 4M courses</li> </ul>	75–80%	
<b>Bachelor of Commerce</b> 8 semesters (Honours Degree) page 44	<ul style="list-style-type: none"> <li>• Accounting■</li> <li>• Food and Agricultural Business■</li> <li>• Management■</li> <li>• Marketing Management■</li> <li>• Management Economics and Finance■</li> <li>• Real Estate■</li> <li>• Sport and Event Management■</li> <li>• Undeclared (first year only)</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• Advanced Functions (MHF4U)</li> <li>• 1 additional 4U math course</li> <li>• 3 additional 4U or 4M courses</li> </ul>	79–84%	
	<ul style="list-style-type: none"> <li>• Government, Economics and Management■</li> </ul>	<ul style="list-style-type: none"> <li>• English (ENG4U)</li> <li>• Advanced Functions (MHF4U)</li> <li>• 4 additional 4U or 4M courses</li> </ul>		

Program	Majors	Ontario High School Requirements	Estimated Cut-off Ranges**	Notes
<b>Bachelor of Computing</b> 6 semesters (General Degree); 8 semesters (Honours Degree) page 42	<ul style="list-style-type: none"> <li>Computer Science ■</li> <li>Software Engineering ■</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Calculus and Vectors (MCV4U)</li> <li>4 additional 4U or 4M courses</li> </ul>	84–89%	Computing and data management courses are recommended, as are other courses necessary to prepare you for study in an area of application.
<b>Bachelor of Engineering</b> 8 semesters (Honours Degree) page 48	<ul style="list-style-type: none"> <li>Biological Engineering ■</li> <li>Biomedical Engineering ■</li> <li>Computer Engineering ■</li> <li>Engineering Systems and Computing ■</li> <li>Environmental Engineering ■</li> <li>Mechanical Engineering ■</li> <li>Water Resources Engineering ■</li> <li>Undeclared (first year only)</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>Calculus and Vectors (MCV4U)</li> <li>Chemistry (SCH4U)</li> <li>Physics (SPH4U)</li> <li>1 additional 4U or 4M course</li> </ul>	84–89%	
<b>Bachelor of Indigenous Environmental Science and Practice ■</b> 8 semesters (Honours Degree) page 52		<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>Biology (SBI4U)</li> <li>Chemistry (SCH4U)</li> <li>2 additional 4U or 4M courses</li> </ul>	75–80%	
<b>Bachelor of Landscape Architecture</b> 8 semesters (Honours Degree) page 54		<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>5 additional 4U or 4M courses</li> </ul>	Admission is determined through a combination of academic grades and the Background Information Form (BIF).	Applicants are required to complete a Background Information Form (BIF). See page 54. Sciences as well as the arts and languages is encouraged for all applicants.
<b>Bachelor of One Health ■</b> 8 semesters (Honours degree) page 56		<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>1 4U or 4M Arts or Social Studies course</li> <li>1 additional 4U or 4M course</li> </ul>	80–85%	Arts and social studies courses include languages and literatures, performing arts, social sciences, geography, and history. This includes 4U/4M courses that begin with C, H, A or L.
<b>Bachelor of Science</b> 6 semesters (General Degree); 8 semesters (Honours Degree) page 62	<b>Biological Sciences</b> <ul style="list-style-type: none"> <li>Animal Biology</li> <li>Biochemistry ■</li> <li>Biodiversity</li> <li>Biological Science</li> <li>Bio-Medical Science</li> <li>Biomedical Toxicology ■</li> <li>Environmental Biology</li> <li>Food Science ■</li> <li>Human Kinetics</li> <li>Marine and Freshwater Biology ■</li> <li>Microbiology ■</li> <li>Molecular Biology and Genetics ■</li> <li>Neuroscience</li> <li>Nutritional and Nutraceutical Sciences</li> <li>Plant Science ■</li> <li>Wildlife Biology and Conservation ■</li> <li>Zoology</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>2 additional 4U or 4M courses</li> </ul>	78–83% for all majors except Biological Science (80–85%), and Bio-Medical Science and Animal Biology (84–89%)	Two of three 4U science courses (i.e.: Biology, Chemistry, and Physics) are required for admission; completion of all three is recommended. Applicants who lack the third science course will take a replacement course in semester one.  Students not admitted to Animal Biology or Bio-Medical Science will be automatically considered for Bachelor of Science, Biological Science.
	<b>Physical Sciences</b> <ul style="list-style-type: none"> <li>Biological and Medical Physics ■</li> <li>Biological and Pharmaceutical Chemistry ■</li> <li>Chemical Physics ■</li> <li>Chemistry ■</li> <li>Environmental Geomatics ■</li> <li>Mathematical Science</li> <li>Nanoscience ■</li> <li>Physics ■</li> <li>Physical Science</li> <li>Theoretical Physics</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Calculus and Vectors (MCV4U)</li> <li>2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>2 additional 4U or 4M courses</li> </ul>	78–83% for all majors	
<b>Bachelor of Science in Agriculture</b> 8 semesters (Honours Degree) page 58	<ul style="list-style-type: none"> <li>Animal Science</li> <li>Crop Science</li> <li>Honours Agriculture</li> <li>Horticulture</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>2 additional 4U or 4M courses</li> </ul>	75–80%	Completion of 4U Biology and 4U Chemistry is recommended. First year is common; students will select a major in second year.
<b>Bachelor of Science in Environmental Sciences</b> 8 semesters (Honours Degree) page 60	<ul style="list-style-type: none"> <li>Ecology ■</li> <li>Environment and Resource Management ■</li> <li>Environmental Economics and Policy ■</li> <li>Environmental Sciences ■</li> </ul>	<ul style="list-style-type: none"> <li>English (ENG4U)</li> <li>Advanced Functions (MHF4U)</li> <li>2 of Biology (SBI4U), Chemistry (SCH4U), Physics (SPH4U)</li> <li>2 additional 4U or 4M courses</li> </ul>	75–80%	Completion of 4U Biology and Chemistry is recommended. First year is common; students will select a major in second year.
<b>Doctor of Veterinary Medicine</b> 8 semesters   page 68		No direct admission from secondary school. Applicants must have completed a minimum of two years (10.0 credits) of a full-time undergraduate degree program. Please see page 68 for more information.		

Visit [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees) for a list of majors offered in general vs honours format. For admission purposes, FEF4U and EAE4U will be considered equivalent to ENG4U.

■ Offered as regular and co-op programs. For programs with an Undeclared option, we recommend you apply directly to a co-op major. ▲ Mandatory co-op.

\*\* Estimated cut-off ranges are based on the admission averages from previous years and are provided solely as a point of reference. Exact cut-offs for the current cycle will be determined by the quantity and quality of applications received and the number of places available in the program. Co-op averages will often exceed the estimated cut-off ranges. Students not admissible to co-op will be automatically considered for the regular program.

# National Course Equivalency Chart by Province and Territory

Ontario Course	Alberta, Northwest Territories, Nunavut	British Columbia, Yukon	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia	Prince Edward Island	Quebec (Grade 12)	Quebec (CEGEP)	Saskatchewan
<b>General Requirements</b>	Grade 12 diploma, including 5 courses numbered 30 or 31 with weight of 5, including required subjects	Grade 12 diploma, including 5 acceptable academic Grade 12 courses, including required subjects	Grade 12 diploma, including 5 full courses at the senior level 4, with a minimum of 3 40S courses, including required subjects	Grade 12 diploma, including 6 academic courses numbered 120, 121, or 122, including required subjects	Grade 12 diploma, including 11 credits numbered 31_ or 32_, including required subjects	Grade 12 diploma, including 5 courses numbered 12 academic or advanced, including required subjects	Grade 12 diploma, including 5 academic courses numbered 61_ or 62_, including required subjects	Grade 12 diploma, including 6 academic Grade 12 courses, including required subjects	12 academic courses, including required subjects.  Note: course codes are subject to change	Grade 12 diploma, including 6 courses numbered 30, including required subjects
<b>English (ENG4U)</b>	English 30–1	English 12 OR English Studies 12	English Language Arts 40S	English 121 OR English 122	English 3201	English 12 (Academic)	English 621A	English 12	2 x English 603 or 604	English A30 or English B30
<b>Biology (SBI4U)</b>	Biology 30	Biology 12 OR Anatomy and Physiology 12	Biology 40S	Biology 121 OR Biology 122	Biology 3201	Biology 12	Biology 621	Biology 12	Evolution and Diversity of Life (Biology NYA)	Biology 30
<b>Chemistry (SCH4U)</b>	Chemistry 30	Chemistry 12	Chemistry 40S	Chemistry 121 OR Chemistry 122	Chemistry 3202	Chemistry 12	Chemistry 621	Chemistry 12	General Chemistry (Chemistry NYA) AND Chemistry of Solutions (Chemistry NYB)	Chemistry 30
<b>Physics (SPH4U)</b>	Physics 30	Physics 12	Physics 40S	Physics 121 OR Physics 122	Physics 3204	Physics 12	Physics 621	Physics 12	Mechanics (Physics NYA) AND Electricity and Magnetism (Physics NYB)	Physics 30
<b>Calculus and Vectors (MCV4U)</b>	Math 31	Calculus 12	Calculus 45A OR Calculus 45S	Calculus 120	Math 3208	Calculus 12	Math 611B	Calculus 12	Calculus 1 (Math NYA)	Calculus 30
<b>Advanced Functions (MHF4U)</b>	Math 30–1	Pre-Calculus 12	Pre-Calculus Math 40S	Pre-Calculus B-120	Math 3200	Pre-Calculus 12	Math 621B	Advanced Functions 12	Linear Algebra (Math NYC)	Pre-Calculus 30
<b>Other Math (MDM4U)</b>	Math 30–2	Foundations of Math 12	Applied Math 40S	Foundations of Math 120	Math 3201	Math 12 (Academic)	N/A	Data Management 12	Calculus 2 (Math NYB)	Foundations of Math 30

Please refer to the Ontario Admission Requirements chart for specific subject requirements. (page 78 and 79)

\*Please note that the estimated cut-off ranges assume a grading scale in which 50% is a minimum passing grade. Educational systems in which 60% is the minimum passing grade may be prorated accordingly.



# How to Apply

## I am currently enrolled in an Ontario secondary school...

### How to Apply to U of G:

Apply using the 101 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](http://ouac.on.ca).

### Application Dates:

**October 2021** — applications are available.

**January 13, 2022** — the official application deadline (to be considered for early offers of admission).

### Application Fees:

The application fee is \$150 payable to the OUAC for your first three program choices. Each additional program choice, beyond the first three, is \$50. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

**April 22, 2022** — the deadline for grades to be submitted by your school to the OUAC.

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission through the OUAC.

**The residence application** and \$750 deposit are due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](http://housing.uoguelph.ca).

## I am currently enrolled in secondary school in a Canadian province or territory outside of Ontario...

### How to Apply to U of G:

Apply using the Ontario Universities' Application Centre (OUAC) online 105 application at [ouac.on.ca](http://ouac.on.ca).

### Application Dates:

**October 2021** — applications are available

**January 13, 2022** — the deadline to apply if you wish to be considered for early offers of admission.

### Application Fees:

The application fee of \$156 is payable to the OUAC for three program choices. It's \$50 for each additional program. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

Please have your school forward official transcripts showing completed Grade 11 and 12 courses, and all in-progress Grade 12 courses. For currently enrolled course work, have your guidance counsellor/administrator email an official (with an official school stamp or seal) transcript with all in-progress and completed grades to [admission@uoguelph.ca](mailto:admission@uoguelph.ca). All course and grade information must be sent to Admission Services at the University of Guelph as soon as possible, but no later than **April 15, 2022**.

### British Columbia:

British Columbia schools submit grade data electronically to the OUAC. We will automatically receive grade data from the OUAC on an ongoing basis.

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission through the OUAC.

**The residence application** and \$750 deposit are also due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](http://housing.uoguelph.ca).

## I am a homeschooled applicant...

### How to Apply to U of G:

Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](http://ouac.on.ca).

### Application Dates:

**October 2021** — applications are available

**January 13, 2022** — the application deadline if you wish to be considered for early offers of admission.

### Application Fees:

The application fee of \$156 is payable to the OUAC for your first three program choices. Each additional program choice, beyond the first three, is \$50. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

**January 13, 2022** — the deadline to submit documents to be considered for early offers of admission.

**April 15, 2022** — the 13 deadline to have all of your official documentation submitted to Admission Services. It is your responsibility to ensure you submit official documentation in support of your application. Submit your grades as soon as possible. For further details, please visit [admission.uoguelph.ca/canadian/homeschool](http://admission.uoguelph.ca/canadian/homeschool).

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission through the OUAC.

**The residence application** and \$750 deposit are also due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](http://housing.uoguelph.ca).

## My most recent education is secondary school, but I am not currently enrolled...

### How to Apply to U of G:

Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](https://ouac.on.ca).

### Application Dates:

**October 2021** — applications are available.

**January 13, 2022** — the application deadline if you wish to be considered for early admission.

### Application Fees:

The application fee of \$156 is payable to the OUAC for your first three program choices. Each additional program choice, beyond the first three, is \$50. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

**January 13, 2022** — deadline to submit transcripts to be considered for early offers of admission. An official transcript is one that is sent in a sealed envelope from the originating institution directly to Admission Services, University of Guelph. It should not come from you, unless it is otherwise not available.

**April 15, 2022** — the deadline to have all of your official grades submitted to the OUAC. As a student not currently enrolled in secondary school, it is your responsibility to ensure your school submits your official grades to the OUAC. Submit your grades as soon as possible.

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission through the OUAC.

**The residence application** and \$750 deposit are also due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](https://housing.uoguelph.ca).

## I have been out of full-time secondary school for two years or more and have not registered at a college or university (mature student)...

### How to Apply to U of G:

Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](https://ouac.on.ca). Normally, mature student applicants must present a minimum of three required 4U/M subjects (as listed in the requirements chart on pages 78 and 79), have been granted a secondary school diploma, and have not attempted post-secondary studies. For more information, refer to [admission.uoguelph.ca/maturestudent](https://admission.uoguelph.ca/maturestudent).

### Application Dates:

**January 13, 2022** — the deadline to apply if you wish to be considered for early offers of admission.

### Application Fees:

The application fee is \$156 payable to the OUAC for your first three program choices. Each additional program choice, beyond the first three, is \$50. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

**January 15, 2022** — the deadline to submit documents to be considered for early offers of admission.

**April 15, 2022** — the deadline to have all of your official grades submitted to Admission Services. An official transcript is one that is sent in a sealed envelope from the originating institution directly to Admission Services, University of Guelph. It should not come from you unless it is otherwise not available.

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission through the OUAC

**The residence application** and \$750 deposit are also due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](https://housing.uoguelph.ca).

### General Studies

Applicants who do not possess requirements for admission as a mature student may be eligible to apply to the General Studies program: [admission.uoguelph.ca/mature/admreqs](https://admission.uoguelph.ca/mature/admreqs)



## I am currently or was previously registered at a college or university (transfer student)...

### How to Apply to U of G:

Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](https://ouac.on.ca).

### Application Dates for Fall:

**May 1, 2022** — the application deadline. Some application dates vary by program. Please visit [admission.uoguelph.ca/exttransfer](https://admission.uoguelph.ca/exttransfer) for details.

### Application Fees:

The application fee is \$156 payable to the OUAC for your first three program choices. Each additional program choice, beyond the first three, is \$50. If you remove one of your program choices and add a new one at the same university, there is no additional fee.

### Submit Documents:

**June 1, 2022** — document deadline

As a transfer student, your application will be reviewed upon receipt of all official transcripts and supporting documents. Secondary and post-secondary transcripts must be sent from the issuing institution directly to Admission Services at the University of Guelph. Unofficial transcripts and other required documents can be submitted through the OUAC Document Upload.

### Transfer Credits:

Transfer credits (where applicable), are assessed during the admission process. Your transfer credits will typically be indicated in your offer of admission as well as your WebAdvisor account.

### How to Accept Your Offer:

Your offer letter will indicate the deadline by which you must accept your offer of admission through the OUAC.

### Pathways and Articulation:

The University of Guelph has many unique Pathways and Articulations with many colleges to give students an efficient way to combine their applied education with a strong theoretical base. Visit [admission.uoguelph.ca/articulation](https://admission.uoguelph.ca/articulation).

## I am an out-of-country Canadian or I am studying in an international curriculum outside of Canada...

### How to Apply:

**International Applicants:** There are three ways to apply:

1. Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](https://ouac.on.ca).
2. If you only wish to apply to the University of Guelph, apply online directly using the form available at [admission.uoguelph.ca/international](https://admission.uoguelph.ca/international)
3. Apply with the Common App at [apply.commonapp.org](https://apply.commonapp.org) (not applicable to Canadian Citizens or Permanent Residents of Canada)

### Canadian Citizens or Permanent Residents of Canada:

Apply using the 105 application available online at the Ontario Universities' Application Centre (OUAC) [ouac.on.ca](https://ouac.on.ca).

### Application Dates:

**January 15, 2022** — the deadline to apply if you wish to be considered for early offers of admission.

**February 15, 2022** — official application deadline.

### Submit Documents:

**February 1, 2022** — the deadline for early consideration.

**March 1, 2022** — deadline for applicants residing and studying outside of Ontario and/or Canada to submit application and academic documents (including English Proficiency).

Official documents should come directly from the issuing institution or accreditation body in their official sealed envelope or from [wes.org/ouac](https://wes.org/ouac). Where English translations are needed, please have them verified and sent by the issuing academic institution. Please contact Admission Services at the University of Guelph for further clarification on official documentation.

### Applicants from the United States

[admission.uoguelph.ca/american](https://admission.uoguelph.ca/american)

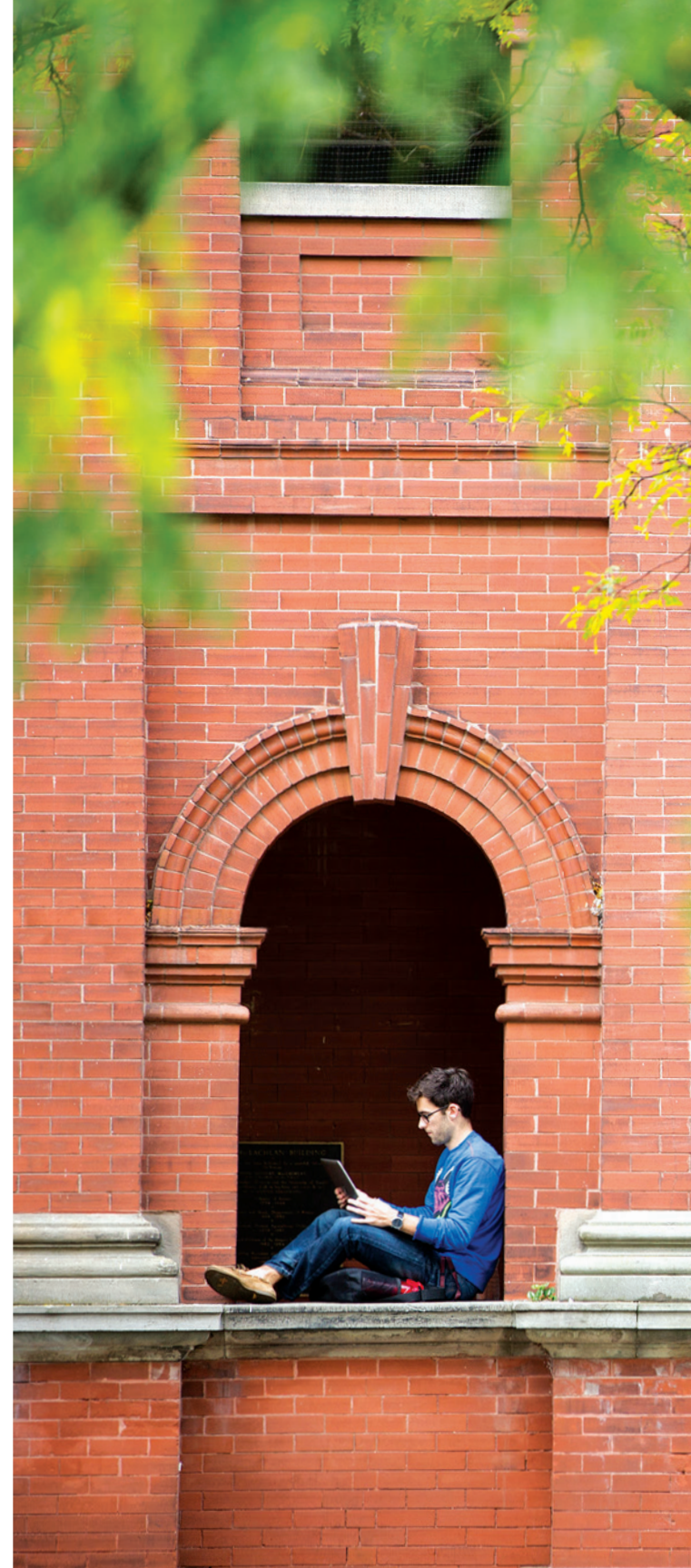
### Applicants From Other Countries

[admission.uoguelph.ca/international](https://admission.uoguelph.ca/international)

### How to Accept Your Offer:

**June 1, 2022** — the deadline to accept your offer of admission.

**The residence application** and \$750 deposit are also due on **June 1, 2022**. Information on how to apply to residence will be included in your offer package and available online at [housing.uoguelph.ca](https://housing.uoguelph.ca) for more information.



# Additional Admission Documents

## Student Profile Form

Optional but strongly recommended

Deadline: **May 1, 2022**

Available at [admission.uoguelph.ca/spf](https://admission.uoguelph.ca/spf)

The Student Profile Form (SPF) is your opportunity to tell Admission Services about activities in which you have been involved that have helped you develop leadership and citizenship qualities. Factors beyond your control that have negatively affected your academic performance, such as illness or extenuating circumstances, will also be considered. If your admission average in May does not meet the cut-off for the program to which you have applied, your SPF will be considered if your average falls within a discretionary range of the final cutoff (up to 5%). If you choose to submit the SPF it is due **May 1, 2022**. The online form is made available in November. The SPF is to be used by high school applicants only. Transfer students who have factors to report should email a support letter to Admission Services: [applicant@uoguelph.ca](mailto:applicant@uoguelph.ca)

## Turfgrass Management Diploma

Mandatory Background Information Form (BIF)

Recommended Deadline: **February 17, 2022**

Available at [admission.uoguelph.ca/suppsforms](https://admission.uoguelph.ca/suppsforms)

Your admission average of 60% or higher will be calculated using Grade 12 or equivalent (4U, 4M or 4C courses only) and the Background Information Form (BIF). Applications and documents received after **February 17, 2022** will be considered as space allows.

## Bachelor of Landscape Architecture

Mandatory Background Information Form (BIF)

Deadline: **March 1, 2022**

Available at [admission.uoguelph.ca/suppsforms](https://admission.uoguelph.ca/suppsforms)

If you apply to the BLA program, you are required to submit a Background Information Form (BIF). The BIF will be considered in conjunction with your admission average to determine admissibility.



## Supplementary Information Form For Students With Disabilities

Deadline: **May 1, 2022**

Available at [uoguelph.ca/csd](https://uoguelph.ca/csd)

The University of Guelph strives to provide equal opportunity for academically qualified students with disabilities. If you believe that your admission average

does not reflect your true academic ability as a result of a disability, you are encouraged to complete the Supplementary Information Form for Students with Disabilities (SIF-D) — made available in November. This form is reviewed and considered along with your marks in determining admission. Please contact Student Accessibility Services as early as you can to discuss your needs and academic background.

## Additional Admission Information

### International Baccalaureate (IB)

If you are applying with an IB Diploma you should:

- present a minimum academic score of 28 (many programs may require a higher score);
- complete the diploma with six subjects: 3 higher level and 3 standard level;
- include specific subject requirements among your higher and standard levels for the program to which you're applying (Math Studies and Standard Level Applications and Interpretations are not acceptable prerequisites for programs that require Advanced Functions or Calculus)
- ensure your predicted scores are submitted using the 7-point scale (Ontario students registered in an IB program will typically have their IB scores converted into Ontario U and M level courses).

IB scores will be converted into grades on a percentage scale out of 100 by your school. Admission and scholarships are determined using the conversions.

IB students registered in their grade 11 year of study are advised to consult with their high school IB guidance counsellor regarding 2019 changes to the IB Mathematics curriculum and how the new curriculum will be converted to Ontario 3U/M and 4U/M courses.

Upon receipt of official final results from the IBO, we'll assign specific transfer credits, where applicable, to a maximum of 2.00 credits, for grades of 5 or better on higher level courses where the applicant has been awarded the IB Diploma or DP course. You may request a change to an unspecified credit within the first 30 days of your first semester.

### Advanced Placement (AP)

If you have completed Advanced Placement final examinations with a minimum grade of 4, you will be eligible to receive specific transfer credits, where applicable, to a maximum of 2.0 credits. Transfer credit will be assigned once an official AP College Board exam score report has been received in

Admission Services. You may request a change to unspecified credit on an individual basis within the first 30 days of your first semester.

### English Language Proficiency

<https://admission.uoguelph.ca/international/englishprof>

You will be required to present evidence of English language proficiency if:

1. your primary or first language is not English, and
2. you have completed less than four years of full-time secondary or post-secondary school study demonstrating satisfactory academic progress in an English language school system.

### English Proficiency Deadlines

**February 1, 2022** – the deadline for early consideration (out-of-country applicants)

**March 1, 2022** – the deadline for final consideration (for out-of-country applicants)

**April 15, 2022** – the deadline for English proficiency results (applicants studying in Canada)

As an applicant who is required to meet the English language proficiency requirement you must do so by submitting the required scores in one of the tests in the chart on the next page. Test results dated more than two years prior to application for admission will not be considered. Send English Proficiency results to Admission Services (see address on back cover).

For additional information, please visit  
[admission.uoguelph.ca/addinformation](https://admission.uoguelph.ca/addinformation)

## Secondary School Applicants: FAQ's About Applying to U of G

[admission.uoguelph.ca/admission-faqs](https://admission.uoguelph.ca/admission-faqs)

### What if I want to apply to more than one program at the University of Guelph?

If you are coming to the University of Guelph directly from high school, you will be considered for all programs to which you apply. You are encouraged to list your program choices at U of G in order of preference.

### What if I'm not admissible to the program to which I apply?

There are a few programs where we will consider you automatically for an alternate program.

1. Not admitted to a co-op program? You'll be automatically considered for admission to the regular program.
2. If you don't possess the admission average for BA, Criminal Justice and Public Policy, we'll automatically consider you for BA, Justice and Legal Studies.
3. If you don't possess the admission average for BA, Honours Psychology, we'll automatically consider you for BA, Honours Sociology.
4. If you don't possess the admission average for B.Sc., Animal Biology or Bio-Medical Science, we'll automatically consider you for B.Sc., Biological Science.



## Does the University of Guelph rank me differently if I apply to the other Ontario universities?

We do not consider the ranking of program choices at other Ontario universities for admission, residence or scholarship consideration.

## What if I repeat high school courses?

For the 2022, admission cycle, U of G will be using the highest grade reported for any repeated courses.

## What if I want to change the program I applied to?

You will need to amend your OUAC application but make sure you do it by **April 15, 2022** to be considered equally for admission to all programs.

## When is the deadline to apply?

To be considered for early admission, you should apply by **January 13, 2022**. Applications open in **October 2021**.

## What if I want to apply to co-op?

The minimum admission average required to be considered for co-op programs is normally 80%. It is important to note, however, that many co-op cut-offs exceed the estimated ranges based on the quantity and quality of applications and the number of places available in the program.

If you are considering applying to the Undeclared option in Bachelor of Commerce or Bachelor of Engineering but know you want to pursue co-op, you are encouraged to apply to a major with co-op directly from high school. It's possible for all students to apply to co-op in first year but space can be limited.

## What are the cut-offs?

Estimated cut-off ranges are based on the admission averages from previous years and are provided solely as a point of reference. Exact cut-offs for the current cycle are determined by the quantity and quality

of applications received and the number of places available in each program. Admission to the University of Guelph can be competitive. Possession of an admission average within the estimated cut-off range (see the admission chart on pages 78 and 79) does not guarantee an offer of admission. The cut-off estimates apply to students who have been educated in Canada. Students educated outside of Canada will have their eligibility assessed on an individual basis.

## Acceptable English Proficiency Tests:

[admission.uoguelph.ca/englprof](https://admission.uoguelph.ca/englprof)

Test	Competence Level
<b>Advanced Level of the English Language Certificate Program (ELCP)</b> <a href="https://eslguelph.ca">eslguelph.ca</a>	Successful completion of the University of Guelph's Open Learning Advanced Level of the English Language Certificate Program (ELCP) (levels 9 and 10) is also considered an acceptable form of testing for English proficiency.
<b>Cambridge English: C1 Advanced and C2 Proficiency</b> <a href="https://cambridgeenglish.org">cambridgeenglish.org</a>	Minimum overall score of 176 with no band less than 169.
<b>Canadian Academic English (CAEL)</b> <a href="https://cael.ca">cael.ca</a>	Language Assessment Minimum overall band score of 70.
<b>Duolingo English Test</b> <a href="https://englishtest.duolingo.com">englishtest.duolingo.com</a>	Minimum overall score of 110. Individual subscores may be considered.
<b>International English Language Testing System (IELTS)</b> <a href="https://ielts.org">ielts.org</a>	Minimum overall score of 6.5 with no band less than 6.
<b>Pearson Test of English (PTE)</b> <a href="https://pearsonpte.com">pearsonpte.com</a>	Minimum overall score of 60 with no score less than 60 in the individual components.
<b>Test of English as a Foreign Language (TOEFL)</b> <a href="https://toefl.org">toefl.org</a>	<b>Internet-based:</b> minimum total score of 89 with no individual scaled score less than 21. Computer-based: minimum score of 250. <b>Paper-based:</b> minimum score of 600. Test of Written English (TWE): with a score of 5. Institutional code is 0892.

## Integrated Admission Pathway (IAP)

[opened.uoguelph.ca/English-Language-Programs](https://opened.uoguelph.ca/English-Language-Programs)

Begin your University of Guelph degree while you study English. The Integrated Admission Pathway allows you to start taking university degree-credit courses immediately. The combination of English language courses and selected degree-credit courses provides a simultaneous learning experience within a supported environment. Take advantage of a unique opportunity to apply your new English language skills to your academic studies right away.

This pathway provides a flexible option for guaranteed admission to the following degree programs at the University of Guelph:

- Bachelor of Arts, all regular and co-op programs
- Bachelor of Science, all regular and co-op programs
- Bachelor of Commerce, Undeclared
- Bachelor of Science in Agriculture
- Bachelor of Bio-Resource Management, all regular and co-op programs
- Bachelor of Science in Environmental Sciences, all regular and co-op programs



# Our Admission Plan

## Offers of Admission

If you are currently enrolled full-time in an Ontario secondary school and you meet the minimum requirements, you will be considered for admission on an ongoing basis beginning January 2022. Some early offers may be extended in December to a limited number of programs. In most cases, early offers will be sent to applicants whose admission average exceeds the estimated cut-offs. There are two other main rounds of offers in the months of March and May.

If you are not currently enrolled full-time in an Ontario secondary school, and you meet the minimum requirements, you will be considered for admission on an ongoing basis as soon as all required documentation is received. All documents must be received no later than April 15, 2022.

Applicants presenting an admission average of 75% and higher will be considered for admission to all programs to which they've applied. Possession of an admission average within the estimated cut-off range does not guarantee an offer of admission.

## Conditions of Your Offer

Any offer of admission that you receive from the University of Guelph is conditional upon the following:

- completion of the Ontario Secondary School Diploma (OSSD) or equivalent; and
- completion of six Grade 12 and/or 4U/M courses, including required subjects, or equivalent; and
- a minimum final average as outlined in your offer letter.

## Timing of Offers

Offer Dates	How We Calculate Your Admission Average	Estimated Cut-offs
Late January to late February	We use your top six completed 4U/M (or equivalent) courses, including required subjects.** Where not available, we use a combination of the top six completed or in-progress 4U/M and completed 3U/M courses, including required subjects. Should no 4U/M courses be completed or in-progress, the top five 3U/M completed courses (including required subjects) will be used.	Offers in this round are typically made to applicants whose admission average exceeds the estimated cut-off range.*
Early March to mid-April	We use your top six completed 4U/M (or equivalent) courses, including required subjects.** Where not available, we use a combination of the top six completed or in-progress 4U/M and completed 3U/M courses, including required subjects.	Offers in this round are typically made to applicants whose admission average is near the top of the estimated cut-off range.*
Late April to mid-May	We use your top six completed 4U/M (or equivalent) courses, including required subjects.** Where not available, we use a combination of the top six completed or in-progress 4U/M and completed 3U/M courses, including required subjects.	Offers in this round are typically made to applicants whose admission average is within the estimated cut-off range.*

**Important Note:** Some offers may be extended in December to a limited number of programs. In most cases, early offers will be sent to applicants whose admission average far exceeds the estimated cut-offs.

\* For estimated cut-off ranges, see the Ontario requirements chart on pages 78 and 79.

\*\* For a list of required subjects, see the Ontario high school requirements on pages 78 and 79, or provincial equivalents on page 80.

Applicants presenting an admission average of 75% and higher will be considered for admission to all programs to which they've applied. Possession of an admission average within the estimated cut-off range does not guarantee an offer of admission.





# Financial Support

We make it easier for you by working in partnership with government and students; we believe all qualified individuals should be able to attend university regardless of their financial status. Our innovative financial aid programs are specifically geared to ensuring an accessible, top-quality education for all students.

## Student Financial Services provides:

- a wide range of services and resources, including billing for tuition, fees, residence and meal plans from a centralized student account;
- financial aid programs;
- professional financial aid counsellors; millions of dollars that we award each year in scholarships and bursaries!

[uoguelph.ca/studentfin](http://uoguelph.ca/studentfin)



## Your gateway to employability on campus:

- More than 450 Work Study positions on campus
- 150+ Undergraduate Research Assistantship (URA) positions
- More than 4,000 part-time jobs
- 250+ Peer Helper positions
- More than 150 positions in Residence Life

## Helping You Finance Your Education

### Work Study

Our Work Study program creates part-time, on-campus employment for registered students with financial need. Work on campus, earn money, and gain hands-on experience. You can apply to this program by visiting the Student Financial Services website at [uoguelph.ca/studentfin](http://uoguelph.ca/studentfin)

### Part-time Jobs

You can apply to one of our more than 4,000 part-time, on-campus jobs. Serve up a latté in one of our many on-campus eateries, help with research, work in an academic department, or lifeguard skills at the pool. Part-time work is an important part of your finances and career development.

### Undergraduate Research Assistantship (URA)

The Undergraduate Research Assistantship (URA) program is a competitive program that provides 150 full-time, summer research assistantship opportunities to undergraduate students with demonstrated financial need. Gain research experience, work with faculty, and further their insight into their field of studies while earning at least \$9,125. Positions are 35 hours/week, begin in May and last about 4 months. The application process begins in late December.

### In-Course Bursaries

Sometimes it's hard to meet all of your financial obligations, and we know that you may face financial difficulties while completing your degree. If you do have a financial shortfall, a medical expense that isn't covered by any insurance plan or government program, or if you are experiencing financial pressures or an emergency, a University of Guelph in-course bursary may be the answer. We'd be happy to meet with you to find a way to help.

## The Ontario Student Assistance Program (OSAP) and Other Government Student Assistance Programs

Student Financial Services administers the Ontario Student Assistance Program (OSAP). We'll help you with questions about the program or the application. OSAP applications are available on the OSAP website: [osap.gov.on.ca](http://osap.gov.on.ca). Loans are interest free while you're in full-time studies; repayment starts six months after you leave full-time studies. Students from other Canadian provinces or territories apply directly to the student financial aid program offered by their home province to receive government assistance. Visit your provincial/territorial government's website for detailed information.



## International Student Financial Support

We offer international students a range of financial options based on both academic merit and financial need. For more information, visit [uoguelph.ca/registrar/international-support](http://uoguelph.ca/registrar/international-support)

### Dr. Franco J. Vaccarino President's Scholarship

Worth \$42,500 | Apply by **January 25, 2022**.

[admission.uoguelph.ca/topscholarships](http://admission.uoguelph.ca/topscholarships)

This is awarded to a top international student who is entering with a record of academic excellence and has made significant leadership contributions to their school and community. The total value of the scholarship is \$42,500 CDN (\$8,250 annually for four years of study, plus one \$9,500 stipend for a summer research assistantship position after first year).

### International Scholarships

\$17,500–\$20,500

These are awarded on a competitive basis to students entering semester one of any degree program in the fall who have not attended a post-secondary institution and have an admission average of 85% (or equivalent) or higher. They range in value from \$5,500 to \$8,500 in the first year and are renewable at \$4,000 per year in years two, three and four when registered in full-time studies with a minimum 80% average in the previous academic year. Students must have a complete admission file by **March 1, 2022** to be considered. No scholarship application is required. Eligible students will be notified of their scholarship with their offer of admission.



## Domestic Student Awards

In 2020–21, 11,450 students received \$26.3 million in awards, including \$10.4 million in need-based awards!

### Top Scholarships

11 scholarships worth \$42,500 each, \$8,250 annually for four years, plus \$9,500 for a summer research assistantship position after first year.

**Apply by January 25, 2022.**

[admission.uoguelph.ca/topscholarships](https://admission.uoguelph.ca/topscholarships)

### President's Scholarships

Nine scholarships recognize students with a minimum 90% admission average who have made significant leadership contributions to their schools and communities.

### Lincoln Alexander Chancellor's Scholarships

Each year, two scholarships recognize students entering with a minimum 90% admission average who have made significant leadership contributions to their schools and communities. Students must be one or more of the following: an Indigenous person, a person with a disability, and/or a BIPOC student.

### Academic Leadership Entrance Scholarships

35 awards of \$20,000 over four years. Selection is based on demonstrated leadership and academic excellence. Selection is made from the President's and Lincoln Alexander Chancellor's Scholarships applicants.

### Board of Governors' Scholarships

- 25 awards of \$20,000 payable over four years
- Recognizing students with outstanding academic excellence and offered to the students entering with the highest admission averages
- Application is not required

## University of Guelph Entrance Scholarships

- U of G rewards high academic achievement with a guaranteed entrance scholarship.
- Application not required; you will be considered automatically based on your admission average.
- Visit [uoguelph.ca/studentfin](https://uoguelph.ca/studentfin) for details.

### Accessibility Bursaries

- 200 awards of \$14,000 payable over four years of study are given to students with demonstrated financial need
- \$5,000 in year one and \$3,000 per year in years two, three, and four
- Apply by completing the Financial Need Assessment Form for Entrance Awards [uoguelph.ca/studentfin](https://uoguelph.ca/studentfin)
- Deadline **April 15, 2022**—an offer of admission is not required to apply

### Registrar's Entrance Bursaries

- 550 awards of \$4,000 for the first year of study
- For students with demonstrated financial need
- Apply by completing the Financial Need Assessment Form for Entrance Awards [uoguelph.ca/studentfin](https://uoguelph.ca/studentfin)
- Deadline **April 15, 2022**—an offer of admission is not required to apply

If you are eligible for scholarships and/or bursaries, you will know the total amount of your award(s) before the deadline to accept your offer of admission — another way we make it easy to choose U of G!

The University of Guelph is committed to providing financial support in the form of scholarships and bursaries to encourage attendance by BIPOC students.



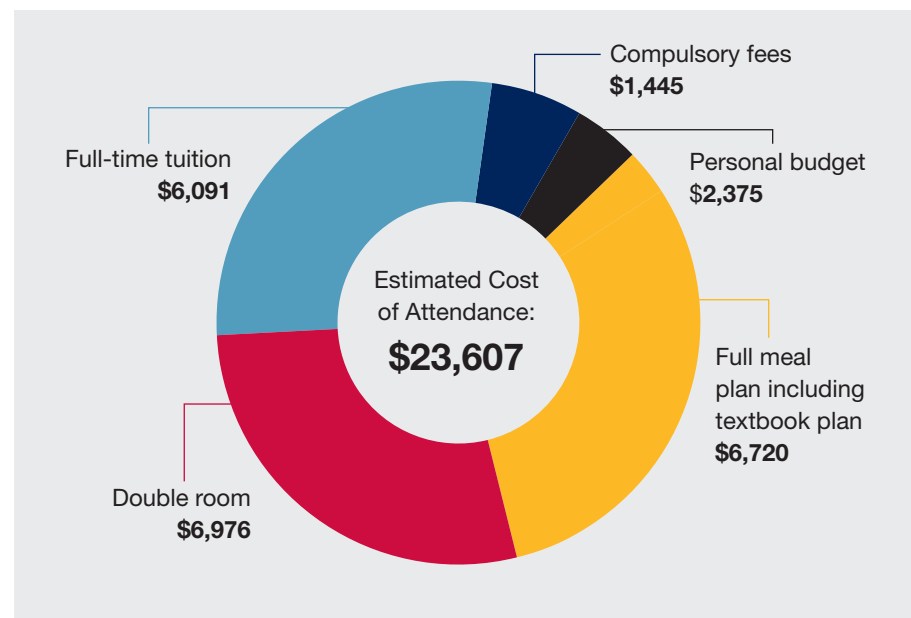
Use our Scholarship Search Tool to find the scholarship that's right for you!  
Search [uoguelph.ca/registrar/sfs/ugawards](https://uoguelph.ca/registrar/sfs/ugawards)



# How much will it cost?

Tuition, residence, meal plans

## Example Total/Year



## Residence Fees

[housing.uoguelph.ca](https://housing.uoguelph.ca)

Room Type	Campus Area	Fees (fall and winter semester)
Single	North and South	\$8,140
Single	Johnston Hall	\$8,258
Single	East Residence	\$8,500
Single	Lambton Suite (2 or 3 bdrm suite)	\$8,500
Single	East Village 4–6 bdrm townhouse	\$9,064
Double	North and South	\$6,976
Double	Johnston Hall	\$7,067
Double	East Residence	\$7,552
Triple	North and South	\$6,225
Quad	North	\$5,970

- All rates listed here are subject to change.
- The room deposit of \$750 is applied to the Winter 2023 residence fees.
- The amount shown here is for both the Fall and Winter semester combined. Residence fees include ResNet internet service and free laundry facilities. An additional Residence Activity Fee of approximately \$25 per semester (subject to change). Payment of fees is made on a semesterly basis.

## Tuition and Fees†

[uoguelph.ca/studentfin](https://uoguelph.ca/studentfin)

Fee	Cost (two semesters)	Notes
Full-time tuition (2.00 credits or more)	\$6,091–\$11,286	Dependent on academic program of study.
Student Organization and Compulsory fees	\$1,445	Includes health and dental plans (students can opt out of the dental plan with proof of equivalent coverage), academic support, athletics, and health and counselling services.
College affiliation fees	\$12–\$44	
Other program- specific fees	\$50–\$150	Dependent on academic program of study.

- † Applies to Ontario residents.
- Full-time undergraduate tuition for international students ranges between \$28,334 and \$40,228 per year.
- Co-op students pay an additional \$270 per semester.
- These estimates are based on 2021/2022 figures and are **subject to change**. Costs vary from program to program and depend on your lifestyle. Fees are listed on a per year basis.

## Meal Plan Fees

[hospitality.uoguelph.ca](https://hospitality.uoguelph.ca)

On-Campus Meal Plan Type	Cost Per Year	Cost Per Year Including Textbook Plan
Minimum	\$4,380	\$5,380
Light	\$5,100	\$6,100
Full	\$5,720	\$6,720
Plus	\$6,230	\$8,050
Varsity	\$6,540	\$8,350

- You receive half of your Food Dollars at the beginning of September and the other half mid-December.
- Payments are made in two installments.
- If you run out of meal plan dollars, it's easy to top it up, and if you have meal plan dollars left over at the end of the year, it will roll over into the carryover meal plan.
- See page 17 for meal plans descriptions.

# Important deadlines for 2022 admission

## January 13

Application deadline for currently enrolled high school students to be considered for first round of offers.

- Entrance Scholarships deadline for scholarships that require an application
- Financial Need Assessment Form for Entrance Awards deadline

## January 25

### Application deadline for:

- President's Scholarships
- Lincoln Alexander Chancellor's Scholarships
- Franco J. Vaccarino President's Scholarship
- Academic Leadership Entrance Scholarships

## February 15

Deadline for applications for students studying outside of Canada.

## March 1

- Deadline for undergraduate applications to Ontario Universities' Application Centre (OUAC)
- Deadline for applicants residing and studying outside of Ontario and/or Canada to submit application and academic documents (including English proficiency, see page 86)
- Bachelor of Landscape Architecture Background Information Form (BIF) deadline for all currently registered high school students

## April 15

- Official transcript deadline for all high school applicants not currently enrolled in secondary school
- Official transcript deadline for high school students from provinces other than Ontario
- Proof of English proficiency for applicants applying from a Canadian high school system deadline
- Deadline to amend your application to be considered equally for all programs, except for BLA

## April 22

Deadline for all official grades to be submitted from your high school (for those currently enrolled in an Ontario high school).

## May 1

- Deadline for Supplemental Student Profile Form for Students with Disabilities
- Deadline for Student Profile Form (students currently enrolled in a Canadian high school)
- Deadline for application for college or university transfer applicants (fall 2022 entry)
- Bachelor of Landscape Architecture BIF deadline for college and university transfer students

## June 1

- Deadline to accept offer of admission through OUAC
- Deadline for residence application and \$750 deposit
- Document deadline date for college and university transfer applicants for most programs for fall 2022 entry





# Our Campus

A walk across campus  
only takes 7 minutes!





# Managing the Impact of COVID-19

The past couple of years have taught us to be resilient and have reinforced the importance of the University of Guelph's supportive and adaptable community.

At the University of Guelph, the health and safety of our students, staff and faculty is our No. 1 priority, and we continue to adapt to meet your needs.

The world has made great gains toward fighting COVID-19 on a global scale. While we may not know everything that the future will bring, we do know that we will always put your well-being first while continuing to support your Gryphon experience.



We are looking forward to the return of our vibrant campus life — it's what U of G is known for! We will continue to work with our local public health, following their guidance and directives from the province to bring you the best experience while keeping us all safe.

Our COVID-19 site has all the up-to-date information you and your family need: [uoguelph.ca/covid19](https://uoguelph.ca/covid19).

The Wellington-Dufferin-Guelph Public Health Unit has active Twitter and Instagram accounts (@WDGPublicHealth) and up-to-the-minute details are published on their website: [wdgpublichealth.ca](https://wdgpublichealth.ca)



# Connect with us

[admission.uoguelph.ca/connect-with-us](https://admission.uoguelph.ca/connect-with-us)

We offer so many ways to help you find out more about U of G and stay connected throughout the admission process.

## Admission Services website

[admission.uoguelph.ca](https://admission.uoguelph.ca)

Here, you'll find the latest admission information, event listings, program details, blogs and links to academic and service areas.

## Events and Tours

In-person and virtual — we'll have it all! See the back cover for more details and scan the QR code for the most important page to bookmark!

## Follow and add us at UofGAdmission



UofGAdmission



UofGAdmission



UofGAdmission



UofGuelphAdmission



UofGAdmission

## Chat with current students

[admission.uoguelph.ca/chat-current-u-g-student](https://admission.uoguelph.ca/chat-current-u-g-student)

Using UniBuddy, a text feature, you can chat with students and ask all your questions about what it's like to be a Guelph Gryphon.

## Instagram Live

[admission.uoguelph.ca/IGlive](https://admission.uoguelph.ca/IGlive)

Held on specific dates throughout the year, we focus on topics related to academics and student life. We go live with professors, students and a broad range of staff, always bringing U of G to you, live and direct!

## Sign up to learn more

Tell us a bit about yourself and we'll keep you informed with the most up-to-date admission information based on your interests. Visit [admission.uoguelph.ca](https://admission.uoguelph.ca) and click Sign-up. Customize it for your own interests, receive notices about upcoming events, chat dates, and other exciting U of G news!

## Academic Calendar

[uoguelph.ca/academiccalendars/](https://uoguelph.ca/academiccalendars/)

The essential student resource for detailed program information, course descriptions, important dates, scholarships, policies, and more.

**University of Guelph**  
50 Stone Road East,  
Guelph, ON N1G 2W1

TDD/TTY 1.800.855.0511  
519.824.4120  
[uoguelph.ca](https://uoguelph.ca)



# Visit and Connect With Us!

[admission.uoguelph.ca/connect-with-us](https://admission.uoguelph.ca/connect-with-us)  
or scan the QR code below.

## Touring Campus

**Campus tours** — register for your campus visit!  
[admission.uoguelph.ca/tours](https://admission.uoguelph.ca/tours)

## March Break Tours

**Tours of the Ontario Veterinary College** can be  
scheduled at [ovc.uoguelph.ca](https://ovc.uoguelph.ca)

## Events

This year, we'll have a combination of in-person and  
virtual events — the best of both! Events such as **Fall  
Preview Day, Campus Day, College Royal and more**,  
will show off our campus to you!

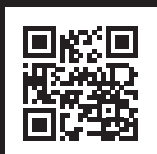
Scan the QR code for dates and details.

## Connecting Virtually

We have virtual and in-person tours, on-campus  
open houses, webinars, virtual one-on-one meetings  
with a U of G rep, and you can text current students  
using UniBuddy.

There are so many ways to connect with us in a  
method that works for YOU!

Follow UofGAdmission on Instagram, TikTok, Facebook,  
Twitter and YouTube for all the up-to-date info and your  
window into what it's like to be a Guelph Gryphon.



Scan the code to see all the ways  
you can connect with us!

## Admission Services UC-L3

**The University of Guelph**  
50 Stone Road E, Guelph, ON CANADA  
N1G 2W1

(519) 824-4120 x 58721  
[admission@uoguelph.ca](mailto:admission@uoguelph.ca)  
[find.yourself@uoguelph.ca](mailto:find.yourself@uoguelph.ca)

© 2021 The University of Guelph makes every effort to ensure the information contained herein is as current as possible. The University reserves the right to make changes to policies, programs and services described in this publication without prior notice.