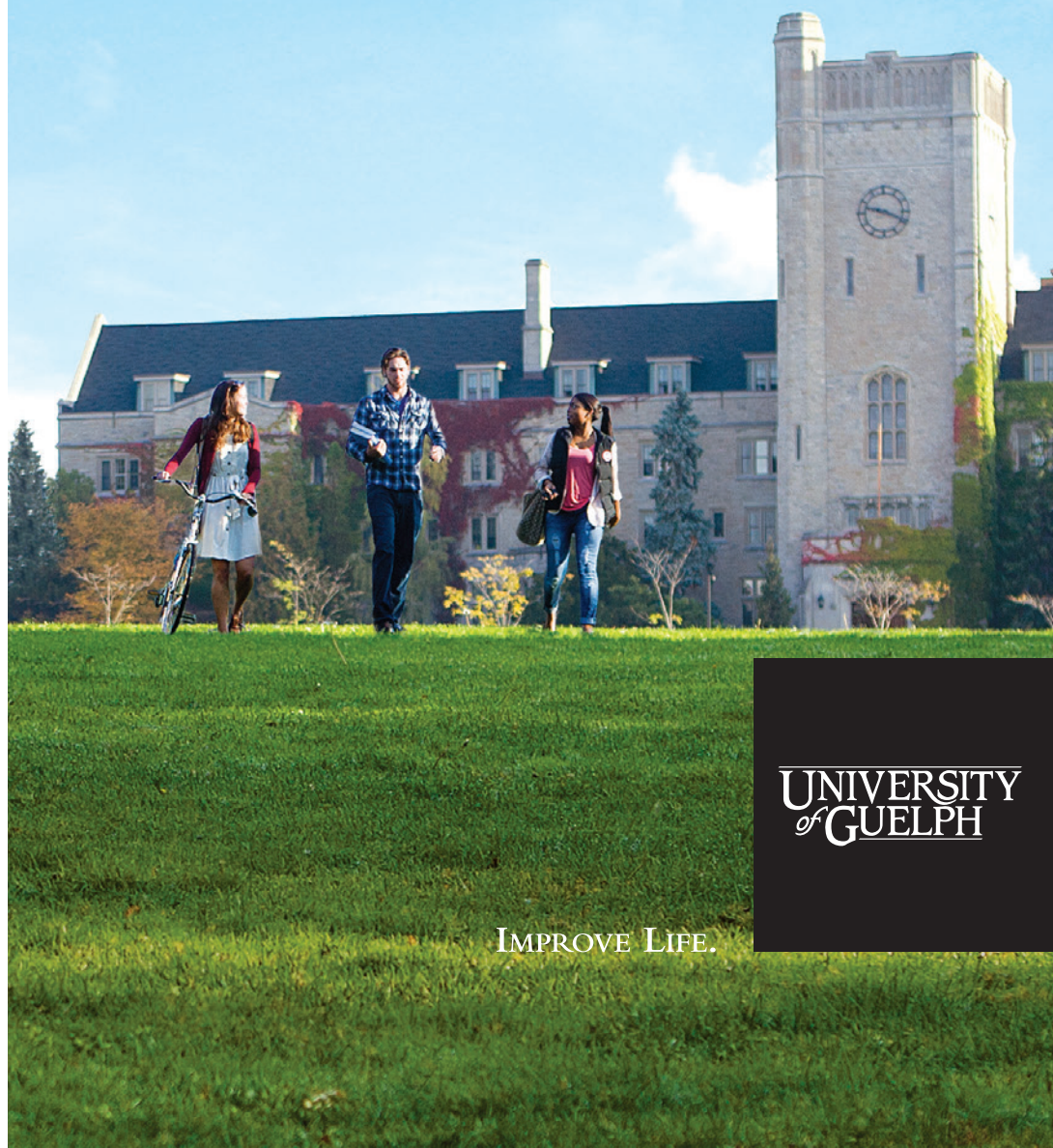




# University of Guelph



UNIVERSITY  
of GUELPH

IMPROVE LIFE.

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

During these challenging times, we realize more than ever that the university experience is about discovering who you're truly meant to be. That's what it means to become a Gryphon. Everyone who studies here, explores here, plays here, teaches here and works here is committed to one simple purpose: to improve life—in all its aspects. So, come find yourself at the University of Guelph—we've been waiting for you.



## 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.

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# Guelph: one of Canada's top 10 places to live!

We are one of Ontario's fastest growing cities, with a population of 133,000. We give the vibe of a major city and the community feel of a smaller town. Our architecture is rich, the downtown core is vibrant and our cultural diversity is strong. The city and the University are very interconnected.

- Rated the best city to buy a home in Canada. (MoneySense magazine, July, 2020)
- Multiple GO Transit routes (bus and train) between Guelph and the GTA, as well as access to Greyhound and Via Rail routes.
- Called the City of Music, it's home to the renowned Hillside Festival, and the Guelph Jazz Festival.
- Your Student ID card is your city transit pass — explore all you want!
- One of Canada's Smartest Cities (Infrastructure Canada, 2019).



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.

# Our goal is for you to succeed. This is how we'll do it:

U of G is recognized as a Canadian leader in student experience. We support you every step of the way — from day one and beyond.

## Before You Arrive

### START Online

Sign into [STARTOnline.ca](https://startonline.ca), your guide to starting university. Connect with current students and other future Gryphons. Get all the info you need to be prepared in September!

### START Indigenous

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

This two-day 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 International

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

This three-day 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

**Note:** We strongly recommend that international students attend START International.

## START Accessible

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

[guelphoweek.ca](https://guelphoweek.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/](https://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 fellow Gryphons and sharpen your thinking and communication skills.

## Supported Learning Groups

[lib.uoguelph.ca/get-assistance/studying/slgs](http://lib.uoguelph.ca/get-assistance/studying/slgs)

Peer-led study groups are held on a weekly basis and are designed to help you through historically challenging courses.

## The Library

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

The Library isn't just books. You'll learn how to:

- take lecture notes
- write a multiple-choice exam
- study efficiently
- learn from textbooks and lectures
- manage your workload and distractions

## 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

[recruitguelph.ca/cecs](http://recruitguelph.ca/cecs)

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



# We're here for you and you and you

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

## For Everyone

### Student Experience

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

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

### International Student Experience

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.

### 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.

### Racialized Students

The Cultural Diversity Advisor provides wellness, cultural and transition support and programs for racialized students.

## **LGBTQ2IA+ Students**

[uoguelph.com/outline](http://uoguelph.com/outline)

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, sexual orientation and/or gender.

## **Indigenous Student Centre**

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. To support your transition, we provide student advising, academic and financial information and cultural programming.

## **For Your Wellness**

[wellness.uoguelph.ca](http://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](http://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](http://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 & Promotion Centre**

[wellness.uoguelph.ca/wec](http://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](http://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](http://wellness.uoguelph.ca/hpc)

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

## **Counselling Services**

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

Our counsellors have backgrounds in social work, education, psychology, and couple and family therapy. Services include individual counselling, therapy groups, crisis response, training and consultation, stress management programs, and academic support.

## **Sexual Violence Support**

[wellness.uoguelph.ca/sexual-violence-support](http://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.
- Campus Police 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.



# Living on campus: Your life gets a whole lot bigger here

You will find community spaces for socializing or gathering, and quiet areas for studying. You'll enjoy easy access to free laundry facilities, kitchenettes and proximity to a variety of campus eateries, wireless hotspots in common areas...AND wifi in every room!

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

## 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 the Living Learning Centres: Eco House, La Maison Française, International House, English Learning House, Indigenous House and Leadership House.

- East Village townhouses each have four private bedrooms, shared washrooms, a kitchen, dining and living room.

## Virtual Tours of Residence

Watch virtual tours of residences and room types!

[youtube.com/user/uofgstudenthousing](https://youtube.com/user/uofgstudenthousing)

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)

**Note:** You are guaranteed a spot in residence if you submit your online residence application and pay your **\$750** residence deposit by **June 1, 2021!**

# 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 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 comprising of students from different academic years who share lifestyle interests. Communities include:

Arts House, Leadership House, La Maison Française, International House, Indigenous House, English Learning 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.

<b>Residence Name</b>	<b>Spaces Available (Approximate)</b>	<b>Community Type</b>	<b>Room Types</b>
South Residences	1800	Modern architecture featuring three buildings, two dining halls and plenty of common space.	Single, double, and triple rooms
East Residences	610	Apartment-suites, both co-ed and single gender. Home to our Living Learning Centres.	Single and double rooms
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.	Single rooms
Johnston Hall	320	Traditional style residence with historic charm.	Single, double, and triple rooms
Lambton Hall	110 suites 265 doubles	Features suite-style and traditional double rooms with newly renovated washrooms	Single, double, and triple rooms

Residence Name	Spaces Available (Approximate)	Community Type	Room Types
Lennox & Addington Halls	575	Home to the L/A Cafe and Academic Clusters, Biology House and Study Intensive communities.	Single and double rooms
Mills Hall	195	Traditional residence, close to Creelman Marketplace.	Single, triple and quad rooms
Watson Hall	50	Close-knit, all-female residence.	Double rooms
Maids Hall	50	LLC – Arts House	Double rooms

**Note:** Fees range from \$5,686–\$8,632. See page 143 for more details.

## **We've got the best campus food in Canada! Should you expect the best dining options? Absolutely.**

Our students have consistently ranked U of G's Hospitality Services as having the best food on any Canadian university campus. Our secret? Making it ourselves. Whether it's hand-cut fresh fruit, gourmet salad bars, Buddha bowls, house-made comfort foods or international cuisine, the choice is yours and it's always close by. We also offer some of your favourite restaurant chains across campus. Special dietary requirements (allergies, faith-based, vegan and vegetarian) are easily accommodated.

Learn about our amazing food at [hospitality.uoguelph.ca](http://hospitality.uoguelph.ca) and follow @hospitalityuofg on Instagram, Twitter and Facebook for updates, menus and daily delicious posts!



## Sustainability

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

In fall 2019, we diverted more than 60,000kg 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](https://hospitality.uoguelph.ca/off-campus-dining) to check out all of our campus partners.

## The University Bookstore

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

The University Bookstore has all of your 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	Meal Plan Descriptions
Minimum	\$4,250	Not on campus on weekends and have a lighter appetite? This one's for you.
Light	\$4,950	Maybe you stay on campus on weekends occasionally, and have a lighter appetite. This is your meal plan!
Full	\$5,550	Our most popular plan! This one is for students who are on campus every other weekend or so, and love to eat.
Plus	\$6,050	Plan to be on campus every weekend and love to eat? This is the plan for you!
Varsity	\$6,350	You hardly go home, you're always on campus, maybe you're a varsity athlete, and 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 145.  
Meal plans are mandatory except for those living in East Village townhouses.

# 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 new advanced Gryphons Athletic Centre opened in 2016 featuring a 25,000 sq.-ft. fitness centre, suspended running track, climbing wall, and a wide variety of activity rooms.

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

## 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
- Innertube Water Polo
- Lobball
- Multi-Sport
- Outdoor Soccer
- Pickle Ball
- Recess League
- Spikeball
- 3-Pitch
- Ultimate Frisbee

12,000 students participated in our award-winning intramural program, recreational and intercollegiate programs last year.

## Varsity Teams:

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

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

## Clubs, Organizations, Student Government

At Guelph, we take your passions and interests to heart. Whether you want to dig deeper into something that fascinates you, develop new skills, find friendship with other Gryphons, or take an active role in the U of G community, our student groups will make your life here truly fulfilling.

### Clubs and Organizations

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

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

There are more clubs than we can list — more than 200, in fact. 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
- *Ontarion* Newspaper
- University Catholic Community
- Vietnamese Student Society
- West Indian Students' Association
- World University Service of Canada

# Campus Involvement

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

When you come to U of G, you are more than a student, you are a part of a community. Whether you want to support other students, are seeking an opportunity to get involved in the campus community, or you want to develop your leadership skills, let Student Experience help you find ways to get engaged on campus through opportunities that are right for you based on your skills, interests, availability, and goals.

## 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 Sciences 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

# Experiential Learning

At U of G, you don't just learn about it, you experience it.

Our Experiential Learning Hub team will help you with co-op and career advising, general and co-op job search strategies, further education planning, connections to volunteer and co-curricular opportunities, and access to job fairs and networking events.

Engaging with Experiential Learning will make your time at university more interesting, hands-on, and full of the activities you're passionate about.

When you graduate you will not only have a degree, you will also have a digital record showcasing your experience. Plus, employers will love the experience you've gained!

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

## Co-operative Education

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

Join more than 3,500 U of G co-op students in 49 co-op programs and gain relevant work experience, build professional networks and develop essential interpersonal skills needed to succeed in the workplace, all while getting paid and earning your university degree.



Co-op programs are a popular choice. It's recommended that you apply to co-op directly from high school. You can apply again during first year, for a limited number of spaces in some programs.

## 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 academic program).
- All co-op positions are full-time, paid employment opportunities.
- 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 or even outside of Canada, in the public, private, and not-for-profit sectors.
- Co-op supervisors will give you feedback on your performance, helping you understand your strengths.
- You will complete Learning Reflections and Work Term Reports to help identify the skills you learn on the job and connect them back to your classroom learning.

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.

# International Learning

The entire planet is our classroom. What you experience as a result is more than academic. It will change and improve your life.

Join the more than 400 U of G students who study abroad every year! Go for five weeks, six months, a year – there are so many choices and so many countries!

Gain world experience through international co-op work terms, learn a language in its country of origin, study in a library more than 500 years old, research and find solutions beyond our borders, and participate in community service learning. The choice is yours! And you'll gain credits toward your University of Guelph degree.

[International Learning](#)

## Studying Abroad

Participate in a study-abroad opportunity and gain world experience. 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, learn while exploring the cultures and histories of your locale.

## Exchange Programs

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

## Letter of Permission

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

# After you Graduate

## Graduate Programs

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

Like many other Gryphons, you're just at the beginning when you finish your undergrad degree. Many return as graduate students and choose from more than 100 graduate programs. We have one of the most comprehensive lists of graduate options in Canada! Graduate work can be completed 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 & Extension, MSc
- Chemistry, MSc, PhD
- Clinical Studies, DVSc, GDip, MSc
- Computational Sciences, PhD
- Computer Science, MSc
- Conservation Leadership, MCL
- Creative Writing, MFA
- Criminology & Criminal Justice Policy, MA
- Critical Studies in Improvisation, MA, PhD
- Cybersecurity & Threat Intelligence, MCTI
- Economics, MA, PhD
- Engineering, MASc, MEng, PhD
- English, MA
- Environmental Sciences, MES, MSc, PhD
- European Studies, MA
- Family Relations & Applied Nutrition, MAN, MSc, PhD
- Food Safety & Quality Assurance, GDip, MSc
- Food Science, MSc, PhD
- Food, Agricultural & Resource Economics, MFARE, MSc, PhD
- French Studies, MA

- Geography, MA, MSc, PhD
- History, MA, PhD
- Human Health & Nutritional Sciences, MSc, PhD
- Integrative Biology, MSc, PhD
- International Development Studies\*, MA, MSc, PhD, MFARE, MASc
- Landscape Architecture, MLA
- Latin American & Caribbean Studies, MA
- Leadership, MA in Leadership
- Literary Studies / Theatre Studies in English, PhD
- Management, MA, PhD
- Market Research, GDip
- Marketing & Consumer Studies, MSc
- Mathematics & Statistics MSc, PhD
- Molecular & Cellular Biology, MSc, PhD
- Neuroscience\*, MA, MSc, PhD
- One Health\*, MA, MASc, 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
- Rural Planning & Development, MPlan, MSc (Planning)
- Rural Studies, PhD
- Social Practice and Transformational Change, PhD
- Sociology, MA, PhD
- Studio Art, MFA
- Theatre Studies, MA
- Tourism & Hospitality, MSc
- Tourism Research, GDip
- Toxicology\*, MSc, MBS, PhD
- Veterinary Science, DVSc

\* collaborative programs

## 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 #foreveraGryphon.

# How to Build Your Best Degree

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

## Find Your Program

Review the degree programs and themes on page 4. Check out the prerequisites on pages 74 and 75. Find what interests you. Talk to U of G reps, tour our campus and classrooms and labs, talk to faculty and students.

## Enhance and 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 our options. You'll be surprised at what opens up once you're here.

## Put It All Into Action!

You have countless opportunities to put your classroom theory into real-world practice such as co-op, experiential learning, and international studies. We'll help you navigate your options so you can find the best fit for you.

# 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 prior to 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 next 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).

## Certificates

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

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

- Business
- Communication Process
- Environmental Citizenship
- Environmental Conservation
- Food Science
- Hospitality Studies
- Leadership
- Public Policy and Administration

## Minors and Double Majors

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

- accounting
- agriculture
- anthropology
- applied geomatics
- art history
- arts, culture and heritage management
- biochemistry
- biology
- biotechnology
- business
- business data analytics
- business economics
- chemistry
- classical studies
- computing and information science
- creative writing
- criminal justice and public policy
- culture and technology studies
- ecology
- economics
- English

- entrepreneurship
- environmental engineering
- European culture and civilization
- family and child studies
- food engineering
- French studies
- geography
- German
- history
- human resources
- international business
- international development studies
- Italian
- marketing
- mathematical science
- mathematics
- media & cinema studies
- microbiology
- molecular biology and genetics
- museum studies
- music
- neuroscience
- nutritional and nutraceutical sciences
- philosophy
- physics
- plant science
- political science
- project management
- psychology
- sociology
- Spanish and Hispanic studies
- sport and event management
- statistics
- studio art
- sustainable business
- theatre studies
- zoology



# Bachelor of Arts

**Challenge your curiosity. Discover your passions.  
Explore the Art of living.**

You don't want just any arts degree. You want one that will give you the career advantage. Choose from 25 majors and 56 minors in arts, humanities, science or business (see page 31). Add one of 11 business minors and you will not only shape your future on your own terms but you'll prepare yourself for the job market and your dream career!

In an evolving world, the BA equips you with the ability to think critically, communicate ideas effectively, and to understand complex problems facing society.

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

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



# Majors

## Anthropology

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

Available in co-op

Explore humans, non-human primates, cultures, and societies — past and present. Learn how biology and culture shape our capacity to adapt. Graduate with a deeper understanding of global cultures and what it means to be human. Gain skills that will prepare you for a variety of careers.

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

## Art History

[admission.uoguelph.ca/Ba/Arth](https://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 over 1,600 works of art including 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](https://admission.uoguelph.ca/ba/clas)

Explain modern society through an exploration ancient history, mythology, archaeology, the epics of Homer or Latin literature. Learn Greek or Latin and cultivate a deeper understanding of democracy. 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 & Foreign Services, Tour director

## Criminal Justice and Public Policy

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

Available in co-op

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

Sample Careers: Lawyer and legal professional, Policy analyst, Police officer, Social services

### 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 to gain knowledge that will open doors to launch your career. Pair your major with a business minor to enhance your skills in communication, problem-solving, leadership, and more!

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

Lang offers a focus on responsible and sustainable business practices that helps you conceptualize how modern businesses shape our world and improve communities. We champion the United Nations responsible business initiative through impactful research.

Minors provide opportunities to work on real-world problems through case studies, community projects, and more. A minor in human resources or project management can kick-start your professional certification in these areas.

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.

## Culture and Technology Studies

[admission.uoguelph.ca/BA/Cts](http://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 from 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](http://admission.uoguelph.ca/Ba/Econ)

Available in co-op

Position yourself as an expert in interesting and puzzling issues of our time, like 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](http://admission.uoguelph.ca/Ba/Engl)

Explore how writing across genres and media helps us to understand each other and the world in which we live. 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 analytically about literature, media and film. Writing clearly and effectively is a skill that opens opportunities. Just check out page 24 to see how graduate Tory Miles put her English degree to work for her!

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

## **Environmental Governance**

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

Available in co-op

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](http://admission.uoguelph.ca/Ba/Eurs)

Ready yourself for a career in international relations between Canada and Europe. Become fluent in French, German, Italian or Spanish, and take courses in European history, business, political science, art, literature, and economics. Develop your intercultural skills, global understanding, and preparedness for an international career by studying in cities like 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](http://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. Do 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 and become bilingual and acquire intercultural skills.

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)

Available in co-op

Explore the evolution of human-environment interactions from the large to the small. Build your knowledge and skillset 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 (p. 27) or add a certificate to your studies (p. 27). 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)

Available in co-op

Discover the past and create the future. 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)

Available in co-op

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: international policy analysis, humanitarian assistance, community-based planning and development, human rights advocacy

## 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 some courses in several areas before declaring one of 25 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 as they compete 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](http://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 with our ensembles and award-winning choir 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 questions through modern issues in artificial intelligence, politics, sexuality, and the environment in small seminars and field courses. You will acquire skills in reasoning, communication, critical thinking, intellectual independence, and the ability to understand others' viewpoints and assumptions.

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

## Political Science

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

Available in co-op

As a poli-sci student, you'll explore the forces of power, authority and governance that shape the world. Analyze governmental actions and their effect 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: policy analyst, business-government relations, lawyer and non-governmental organization

## Psychology

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

Available in co-op

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

## **Sociology**

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

Examine society's vast influence on the lives of groups and individuals. Discover patterns and relationships in human culture and behaviour. Gain insight into the cause of inequalities and learn the skills needed to tackle societal problems and improve life.

Sample Careers: policy analyst, human resources, publicist, health and social work, and criminal justice work

## **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 participate in 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 entry.

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

## **BA General Degree**

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

Available in class or fully online

Choose between 15 areas of concentration in the three year BA General degree.

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. Areas of concentration are: anthropology; English; French studies; geography; history; international development studies; mathematics; music; philosophy; political science; psychology; sociology; Spanish and Hispanic studies; statistics; theatre studies.

## 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

# Bachelor of Arts and Sciences

## Improve society

Study the arts and the sciences — at the same time! You'll specialize in one science and one arts subject, allowing you to become confident in both areas of study. Your core arts and science courses (ASCI), teach you to connect both disciplines to take on complex societal issues and mobilize your knowledge.

The BAS degree empowers you to succeed in your chosen career. Graduates have become doctors, lawyers, environmentalists, therapists, veterinarians, and have also entered graduate programs in arts or science.

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

## Sample Minor Combos and Career Choices

- chemistry + art history  
Pursue a career in art restoration.
- computing + psychology  
Pursue a career in user experience design.
- ecology + international development studies  
Pursue a career in environmental policy analysis.
- biochemistry + criminal justice and public policy  
Pursue a career in forensic science.
- physics + theatre studies  
Pursue a career in theatre lighting and sound technology.

## **Our Community**

The BAS Student Association hosts events such as Trivia Nights, Life After Undergrad, and Combining 2 Cultures Conference.

Arts & Science Residence Cluster: Live alongside your classmates in residence!

The BAS Lounge: A dedicated lounge for BAS students to work on projects, practise presentations or meet up.

## **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 & 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.

## Sample First-Year Courses

- Society and Inquiry I
- Introduction to Molecular & Cellular Biology
- Chemistry 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.

## Our BAS grads have worked as:

- Dentist
- Director of Project Favela (Brazilian NGO)
- Environmental lawyer
- Medical doctor
- Experience Designer at Adobe
- Speech Language Pathologist
- Science Journalist

# Bachelor of Applied Science

## Improve human life

Combine theory and practice as you study the biological, psychological and social facets of human development and behaviour. You can then apply this knowledge in practicums and field placements.

Graduate with an understanding of how to improve health and well-being at all stages of life.

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

## 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

## 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

### 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



## 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](https://admission.uoguelph.ca/degrees).

**Note:** Course selection will vary by major.

# Bachelor of Bio-Resource Management

## Improve our resources

Love business and science, but can't decide between the two? You don't need to! U of G's BBRM combines science, tech and business studies to prepare you for a career that balances the natural world with the business one. Pick one of three majors to target your unique area of interest. Plus, you'll get to participate in faculty-led field trips and get course credit for research and summer job experience.

[uoguelph.ca/bbrm](http://uoguelph.ca/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 environmental 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

## Food Industry Management

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

Available in co-op

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

### Our BBRM grads have worked here:

- Canadian Food Inspection Agency
- Greenhawk Equestrian Sport
- Algonquin Wildlife Research Station
- TD Canada Trust
- Ministry of the Environment and Climate Change Canada

## Sample First-Year Courses

### Environmental Management

- Discovering Biodiversity
- General Chemistry I
- Introduction to Environmental Sciences
- Introduction to Canadian Business Management
- Introductory Financial Accounting
- Introduction to Molecular and Cellular Biology
- Individuals and Groups in Organizations
- Introduction to Environmental Economics, Law and Policy

### Equine Management

- Biology of Plants and Animals in Managed Ecosystems
- Introduction to Molecular and Cellular Biology
- Introduction to Equine Management
- Introductory Financial Accounting
- Principles of Animal Care and Welfare
- Chemistry
- Introductory Microeconomics
- Equine Anatomy and Physiology

### Food Industry Management

- Biological Concepts of Health
- Introduction to Molecular and Cellular Biology
- General Chemistry I and II
- Individuals and Groups in Organizations
- Business Mathematics
- Introductory Financial Accounting
- Economics of the Agri-Food System

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

# Bachelor of Computing

## Improve the potential of technology

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)

Available in co-op

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)

Available in co-op

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.

## **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, you can focus on human-computer interaction and the effects of interface design on usability, or build more user-friendly hardware or software.

With computing and business, join the ever expanding world of e-commerce through the creation 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

#### Semester 1

- Programming
- Discrete Structures in Computing I
- Calculus I
- 2 electives

#### Semester 2

- Intermediate Programming
- Discrete Structures in Computing II
- Linear Algebra I
- 2 electives

### Software Engineering

#### Semester 1

- Software Design I
- Programming
- Discrete Structures in Computing I
- 2 electives

#### Semester 2

- Software Design II
- Intermediate Programming
- Linear Algebra I
- 2 electives

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

## 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.

# Bachelor of Commerce

## Improve business beyond the bottom line

For 50 years, U of G has transformed students into leaders of the Canadian and global economies. With a Bachelor of Commerce from the Gordon S. Lang School of Business and Economics, you will explore how ethical and sustainable leaders are the future of business.

You will gain knowledge in the fundamentals including marketing, economics, management and accounting and can add specialty subjects such as hospitality, 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 situations through your co-op placement and community 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)

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

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



# Majors

## Accounting

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

Available in co-op

Achieve a highly respected professional designation and a successful career in business and accounting. The undergraduate 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 a secondary area of discipline 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](http://admission.uoguelph.ca/Bcom/Fab)

Available in co-op

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 in marketing communications, account executive in market research, policy analyst and consultant, and manager/consultant in agribusiness finance

## Government, Economics and Management

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

Available in co-op

Combine politics, law and business and explore the unique intersection of the public sector with business and economics. Examine issues like whether government should

be run in a more “business-like” manner, and equality and justice in decision-making. 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

## **Hospitality and Tourism Management**

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

Available in co-op

Get ready for a career with truly limitless opportunities in hospitality and tourism management. Choose one of three areas of emphasis: Hotel and Lodging; Restaurant and Foodservice; or Tourism Management. Apply in-class learning to real-world situations such as field trips, study abroad opportunities and alumni networking events with industry leaders. With a strong emphasis on management and core business skills you are prepared to take on a leadership role in the fast-paced industry. In the co-op option, you complete three consecutive 4-month work terms in Canada or abroad.

Sample Careers: hotel/restaurant manager, event planner, destination tourism planner, resort recreation director, conference manager, and hotel investment analyst

## **Management**

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

Available in co-op

Gain strategic leadership and management skills that will prepare you as an organizational leader in a wide range of industries. 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 the Human Resources minor.

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)

Available in co-op

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 gone on to revolutionize 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)

Available in co-op

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)

Available in co-op

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](https://admission.uoguelph.ca/Bcom/Spmt)

Available in co-op

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](https://admission.uoguelph.ca/Bcom/Und)

Available in first year only

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.

Entrance into co-op for in-course students is subject to availability and your University of Guelph average.

## 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:

- Issues in Canadian 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).

Note: Course selection will vary by major.

# Bachelor of Engineering

## Improve our world through design and innovative engineering solutions

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.

Design, create, solve: the foundation of U of G's Bachelor of Engineering, where 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)

Available in co-op

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: brew master, process engineer, research and development engineer, and food product development engineer

## Biomedical Engineering

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

Available in co-op

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. Pursue a rewarding career in public or private sectors of the health-care industry.

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

## Computer Engineering

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

Available in co-op

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, specialize in one or more streams to customize your career opportunities: electronic design automation, artificial intelligence (AI), embedded systems, and software.

Sample Careers: computer design engineer, software engineer, hardware engineer, artificial intelligence developer, and wireless solutions engineer

## Engineering Systems and Computing

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

Available in co-op

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, specialize in one or more streams: mechatronics and robotics, embedded systems, biomedical, or computing, then pursue a career to match.

Sample Careers: software developer, autonomous test engineer, robotics and automation engineer and mechatronics engineer

## Environmental Engineering

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

Available in co-op

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 municipal, provincial and federal governments both locally and internationally, and in consulting, industry and research.

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

### Important Admission Note

Effective for fall 2022, admission requirements to Bachelor of Engineering change to: ENG4U, MHF4U, MCV4U, SPH4U, SCH4U plus one additional 4U/M course or equivalent.

## Mechanical Engineering

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

Available in co-op

Become pivotal to the design, manufacturing and maintenance of systems in mechanical engineering. Specialize in one of four areas, or choose electives that broaden your general mechanical engineering knowledge base. Take the opportunity to focus on areas such as energy, mechatronics, manufacturing system design, and biomechanics. 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](http://admission.uoguelph.ca/Beng/Wre)

Available in co-op

Design needed 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. 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

## Undeclared

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

Available in first year only

Want an engineering degree but not yet sure of a specialization? 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 the co-op stream of the major you're most interested in directly from high school; space can be limited as an in-course student.

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

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

## Sample First-Year Courses

### Semester 1

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

### Semester 2

- Engineering Mechanics
- 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](https://admission.uoguelph.ca/degrees).

Note: courses will vary depending on your major

## 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.

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

# Bachelor of Indigenous Environmental Stewardship\*

## Improve our relationship with the environment

Change how we manage and protect our environment; 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/BIES](http://uoguelph.ca/BIES)

## New For Fall 2021!

This new program, offered in co-op, features field trips to Indigenous communities and organizations, land-based instruction, interactive labs, and participation in discussion circles and ceremony. You will also learn from Indigenous Elders and Knowledge Holders.

## Program Flexibility and a Co-op Option

This program offers you flexibility to select from a wide variety of courses, enabling you to focus on your areas of interest. It's offered in both co-op and regular.

## You are an agent of change

Together we must create a better future for all beings, and that future starts with you. 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 to all beings.

\*pending Senate approval.

## Sample First Year-Courses

- Introduction to Indigenous Environmental Stewardship
- Discovering Biodiversity
- Calculus I
- General Chemistry I
- Introductory Financial Accounting
- Natural History of the Great Lakes Region
- Indigenous Knowledge for Environmental Stewardship
- Indigenous Language and Culture

# Bachelor of Landscape Architecture

## Design spaces and places that improve life

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

You'll learn from talented professionals and have freedom to explore ideas. Similar in format to a studio art program, your projects are self-directed and require verbal and design skills. Studio projects and design workshops help you understand the professional methods that ensure design success. Students find work placements through our large (and global) alumni network, and enjoy the opportunity to study for a semester abroad.

Sample Careers: landscape architect, urban design/community design facilitator, environmental design and landscape rehabilitation, designer, resorts and destination, and attractions

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

\*The landscape architecture program is fully 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
- Humans in the Natural World
- History of Cultural Form
- One of: Anthropology; Philosophy; Psychology; Sociology
- 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](https://admission.uoguelph.ca/degrees).

### **Background Information Form (BIF)**

Students are required to submit a Background Information Form (BIF) as part of their application. This is your opportunity to showcase your understanding of and passion for the profession of landscape architecture. The BIF deadline is March 1, 2021 and can be found at [admission.uoguelph.ca/bla\\_bif](https://admission.uoguelph.ca/bla_bif) on December 1, 2020.



### **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

# Bachelor of Science in Agriculture

## Improve agriculture and how we feed the world

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/bsc-agr](http://uoguelph.ca/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, Horticulture and Turfgrass Sciences

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

Plants can be food, medicine, fibre or fuel. Apply the latest tech and science to current problems and trends in plant production. Learn about how to grow, breed and nurture plants with a purpose. Target your courses to learn more about your interests in field crops, controlled environments, greenhouses and alternative methods. Also see B.Sc. Plant Science.

Sample Careers: agronomist, greenhouse technician plant breeder, research associate, and sales manager

## Honours Agriculture

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

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

### Sample First-Year Courses

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

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



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

- Corteva Agriscience
- Farm Credit Canada
- Farm & Food Care
- RBC Royal Bank
- Syngenta
- Semex
- Turkey Farmers of Ontario

# **Bachelor of Science in Environmental Sciences**

## **Improve our environment**

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. Your courses will prepare you with an understanding of science and nature's systems. Opportunities in experiential education courses, co-op and studying overseas will broaden your exposure and influence. Face environmental problems with a unique U of G perspective: understanding the essential connection between humans and our world.

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

# Majors

## Ecology

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

Available in co-op

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](https://admission.uoguelph.ca/Bscenv/Erm)

Available in co-op

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](https://admission.uoguelph.ca/Bscenv/Eep)

Available in co-op

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](http://admission.uoguelph.ca/Bscenv/Envsci)

Available in co-op

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

### 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](http://admission.uoguelph.ca/degrees).

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

## 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

# Bachelor of Science

## Improve the ecosystems of life

Accept the challenge to discover new ideas. 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.

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.

[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)

Available in co-op

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

## 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)

Available in co-op

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 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)

Available in co-op

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, craft 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

## Biological Science

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

Available in co-op

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](http://admission.uoguelph.ca/Bsc/Chpy)

Available in co-op

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](http://admission.uoguelph.ca/Bsc/Chem)

Available in co-op

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)

Available in co-op

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



## Food Science

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

Available in co-op

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/health

## Marine and Freshwater Biology

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

Available in co-op

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; Biological 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)

Available in co-op

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)

Available in co-op

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)

Available in co-op

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 neuroengineering

## **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)

Available in co-op

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](https://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](https://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.

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

## Zoology

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

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

# Doctor of Veterinary Medicine

## **Improve animal, human and ecosystem health**

For graduates from the Ontario Veterinary College (OVC) the pursuit of excellence is a way of life.

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 DVM program is accredited by the Canadian and American Veterinary Medical Associations.

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

## **FAQs**

### **What does it mean to be an OVC graduate?**

An Ontario Veterinary College education trains students to excel in veterinary medicine through a learner-centred curriculum and a history of innovation that continually sets the standard for excellence in veterinary medical education.

### **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 will prepare you for admission to the college or university undergraduate degree program of your choice.

## **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 with your own veterinarian. 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 or industry sectors.

## **How can I gain experience with animals?**

Being comfortable with a number of species can be achieved by gaining experience with a variety of animals. Work with livestock, equestrian activities and any other animal-related hobby or experience where a veterinarian is not always present. Contact local stables, animal shelters, zoos, and food animal producers to see if they offer volunteer/work positions. Animal experience does not include personal animal ownership.

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

If you've attended university or college and fulfilled the entrance 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 the DVM program, or to book a tour, please email [vetmed@uoguelph.ca](mailto:vetmed@uoguelph.ca)



## Entrance 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
- 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.

# Associate Diplomas

Earn a two-year diploma while learning from world-renowned experts. Try out the latest tech, explore industry trends and access groundbreaking 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 an internship. 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/suppforms](http://admission.uoguelph.ca/suppforms).

## Transfer Opportunities

Transfer opportunities to degree programs are available for associate diploma in Turfgrass Management students with a cumulative average of 75% or higher. You may qualify for acceptance into a degree program with advanced standing.

### Sample First Year Courses

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

# Ridgetown Campus

## Associate Diploma in Agriculture

[ridgetownc.uoguelph.ca/agr](http://ridgetownc.uoguelph.ca/agr)

Offered in 2 years

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.uoguelph.ca/em](http://ridgetownc.uoguelph.ca/em)

Offered in 2 years

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 internship 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.uoguelph.ca/equine](http://ridgetownc.uoguelph.ca/equine)

Offered in 2 years

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.uoguelph.ca/hort](http://ridgetownc.uoguelph.ca/hort)

Offered in 2 years

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.uoguelph.ca/vtc](http://ridgetownc.uoguelph.ca/vtc)

Offered in both 2 and 3 year formats

Learn from experienced industry professionals in courses and labs. Receive the specialized knowledge and skills required to become a companion or large animal “vet tech”. 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 on 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.uoguelph.ca/future/openhouse\\_tour.cfm](http://ridgetownc.uoguelph.ca/future/openhouse_tour.cfm)

# University of Guelph-Humber

## Honours degree and diploma in 4 years!

A first of its kind! For 18 years, the University of Guelph-Humber has been offering an innovative approach to post-secondary education, providing you with an opportunity to earn both 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.

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



## Why Choose the University of Guelph-Humber?

### 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 15, 2021 to be considered for all rounds of admission. Transfer and international students should visit [guelphhumber.ca/futurestudents](http://guelphhumber.ca/futurestudents) for specific application deadlines.

## Entrance Scholarships

[guelphhumber.ca/futurestudents](http://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 Award**

\$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 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](http://guelphhumber.ca/futurestudents), email us at [info@guelphhumber.ca](mailto:info@guelphhumber.ca) or call 416.798.1331 x6056

## **Programs**

### **Business**

Honours Bachelor of Business Administration

+

Diploma in Business Administration

### **Early Childhood Studies**

Honours Bachelor of Applied Science in Early Childhood Studies

+

Diploma in Early Childhood Education

### **Family and Community Social Services**

Honours Bachelor of Applied Science in Family and Community Social Services

+

Social Service Worker Diploma

### **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 Studies**

Honours Bachelor of Applied Arts in Media 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

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

Associate Diplomas	
Duration	4 semesters
Majors	Associate Diplomas in: <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 (Guelph)</li> <li>• Veterinary Technology (Ridgetown)</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• Secondary school diploma</li> </ul> Veterinary Technology: <ul style="list-style-type: none"> <li>• Secondary School Diploma with advanced-level senior Math, English, Biology and Chemistry – each with a preferred – minimum grade of 65%.</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• Secondary School Diploma (OSSD)</li> </ul> Veterinary Technology: <ul style="list-style-type: none"> <li>• Ontario Secondary School Diploma with credits in SBI3C or SBI3U; SCH3U or SCH4C; MTC4C or MAP4C, or any 4U Math; and ENG4C or any 4U English. ‘U’ level courses minimum grade must be 65%; ‘C’ level course minimum grade must be 75%.</li> </ul>
Estimated Cut-off Ranges**	65–70%
Notes	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 90 for more details.

## Bachelor of Arts

Duration	6 semesters (General Degree); 8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Anthropology (available in co-op)</li> <li>• Art History</li> <li>• Classical Studies</li> <li>• Criminal Justice and Public Policy (available in co-op)</li> <li>• Culture and Technology Studies</li> <li>• Economics (available in co-op)</li> <li>• English</li> <li>• Environmental Governance (available in co-op)</li> <li>• European Studies</li> <li>• Food, Agricultural and Resource Economics (available in co-op)</li> <li>• French Studies</li> <li>• Geography (available in co-op)</li> <li>• History (available in co-op)</li> <li>• International Development Studies (available in co-op)</li> <li>• Justice and Legal Studies (available in co-op)</li> <li>• Major to be Determined</li> <li>• Mathematical Economics (available in co-op)</li> <li>• Mathematical Science</li> <li>• Music</li> <li>• Philosophy</li> <li>• Political Science (available in co-op)</li> <li>• Psychology (available in co-op)</li> <li>• Sociology</li> <li>• Studio Art</li> <li>• Theatre Studies</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• 5 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• 5 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	65 – 70%

Notes	<p>Consult the associate diploma program calendar <a href="http://uoguelph.ca/diploma_calendar">uoguelph.ca/diploma_calendar</a> for program details.</p> <p>Turfgrass applicants are required to complete a Background Information Form. See page 90 for more details.</p>
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## Bachelor of Arts and Sciences

Duration	6 semesters (General Degree); 8 semesters (Honours Degree)
Majors	
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 1 arts or social studies</li> <li>• 1 additional course</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 1 4U or 4M Arts or Social Studies course</li> <li>• 1 additional 4U or 4M course</li> </ul>
Estimated Cut-off Ranges**	78–81%
Notes	<p>Arts and social studies courses include languages and literatures, performing arts, social sciences, geography, and history.</p> <p>Core courses are complemented by two minors of your choice — one science, and one arts or social science. See page 31 for a list of minors.</p>

## Bachelor of Applied Science (1)

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Applied Human Nutrition</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• 1 Math course</li> <li>• Biology</li> <li>• Chemistry</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• 1 4U Math course</li> <li>• SBI4U</li> <li>• SCH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	81 – 85%

## Bachelor of Applied Science (2)

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Child Studies</li> <li>• Family Studies and Human Development</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• 1 Math course</li> <li>• 1 of biology, chemistry, introductory kinesiology</li> <li>• 3 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• 1 4U Math course</li> <li>• 1 of SBI4U, SCH4U, PSK4U</li> <li>• 3 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	77 – 81%
Notes	Biology is recommended

## Bachelor of Bio-Resource Management (1)

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Environmental Management</li> <li>• Equine Management</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Biology</li> <li>• 4 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• SBI4U</li> <li>• 4 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	75–78%
Notes	4U chemistry and a 4U math are strongly recommended.

## Bachelor of Bio-Resource Management (2)

Duration	8 semesters (Honours Degree)
Majors	Food Industry Management (available in co-op)
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• Biology</li> <li>• Chemistry</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• SBI4U</li> <li>• SCH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	76–80%

## Bachelor of Commerce (1)

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Accounting (available in co-op)</li> <li>• Food and Agricultural Business (available in co-op)</li> <li>• Management (available in co-op)</li> <li>• Marketing Management (available in co-op)</li> <li>• Management Economics and Finance (available in co-op)</li> <li>• Real Estate (available in co-op)</li> <li>• Sport and Event Management (available in co-op)</li> <li>• Undeclared (first-year only)</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 1 additional 4U Math</li> <li>• 3 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 1 additional 4U Math course</li> <li>• 3 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	78–82%

## Bachelor of Commerce (2)

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Government, Economics and Management •</li> <li>• Hospitality and Tourism Management •</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 4 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 4 additional 4U or 4M courses</li> </ul>

Estimated Cut-off Ranges**	78–82%
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## Bachelor of Computing

Duration	6 semesters (General Degree); 8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Computer Science (available in co-op)</li> <li>• Software Engineering (available in co-op)</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Calculus and Vectors</li> <li>• 4 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• MCV4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 1 additional 4U or 4M course</li> </ul>
Estimated Cut-off Ranges**	84–89%
Notes	Computing and data management courses are recommended, as are other courses necessary to prepare you for study in an area of application.



## Bachelor of Engineering

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Biological Engineering (available in co-op)</li> <li>• Biomedical Engineering (available in co-op)</li> <li>• Computer Engineering (available in co-op)</li> <li>• Engineering Systems and Computing (available in co-op)</li> <li>• Environmental Engineering (available in co-op)</li> <li>• Mechanical Engineering (available in co-op)</li> <li>• Water Resources Engineering (available in co-op)</li> <li>• Undeclared (first year only)</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• Calculus and Vectors</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 1 additional course</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• MCV4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 1 additional 4U or 4M course</li> </ul>
Estimated Cut-off Ranges**	84–89%
Notes	<p>Two of three 4U high school 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. <b>Effective for Fall 2022, required courses are: ENG4U, MHF4U, MCV4U, SPH4U, SCH4U plus one additional 4U/M course.</b></p>

## Bachelor of Indigenous Environmental Stewardship\*

Duration	8 semesters (Honours Degree)
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• Biology</li> <li>• Chemistry</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• SBI4U</li> <li>• SCH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	76–80%
Notes	Available in co-op   *pending Senate approval

## Bachelor of Landscape Architecture

Duration	8 semesters (Honours Degree)
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• 5 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• 5 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	Admission is determined through a combination of academic grades and the Background Information Form (BIF).
Notes	<p>Applicants are required to complete a Background Information Form (BIF). See page 90 for important application notes.</p> <p>A breadth of courses in the social, physical and biological sciences as well as the arts and languages is encouraged for all applicants.</p>

## Bachelor of Science (1)

Duration	6 semesters (General Degree); 8 semesters (Honours Degree)
Majors	<p>Biological Sciences</p> <ul style="list-style-type: none"> <li>• Animal Biology</li> <li>• Biochemistry (available in co-op)</li> <li>• Biodiversity</li> <li>• Biological Science</li> <li>• Bio-Medical Science</li> <li>• Biomedical Toxicology (available in co-op)</li> <li>• Environmental Biology</li> <li>• Food Science (available in co-op)</li> <li>• Human Kinetics</li> <li>• Marine and Freshwater Biology (available in co-op)</li> <li>• Microbiology (available in co-op)</li> <li>• Molecular Biology and Genetics (available in co-op)</li> <li>• Neuroscience</li> <li>• Nutritional and Nutraceutical Sciences</li> <li>• Plant Science</li> <li>• Wildlife Biology and Conservation</li> <li>• Zoology</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	78–83% for all majors except Bio-Medical Science (84–89%), Animal Biology and Human Kinetics (79–84%)

Notes	<p>Two of three 4U high school 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.</p> <p>Students not admitted to Animal Biology, Bio-Medical Science or Human Kinetics will be automatically considered for Bachelor of Science, Biological Science.</p>
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## Bachelor of Science (2)

Duration	6 semesters (General Degree); 8 semesters (Honours Degree)
Majors	<p>Physical Sciences</p> <ul style="list-style-type: none"> <li>• Biological and Medical Physics (available in co-op)</li> <li>• Biological and Pharmaceutical Chemistry (available in co-op)</li> <li>• Chemical Physics (available in co-op)</li> <li>• Chemistry (available in co-op)</li> <li>• Environmental Geomatics (available in co-op)</li> <li>• Mathematical Science</li> <li>• Nanoscience (available in co-op)</li> <li>• Physics (available in co-op)</li> <li>• Physical Science</li> <li>• Theoretical Physics</li> </ul>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Calculus and Vectors</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MCV4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	78–83% for all majors

Notes	<p>Two of three 4U high school 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.</p> <p>Students not admitted to Animal Biology, Bio-Medical Science or Human Kinetics will be automatically considered for Bachelor of Science, Biological Science.</p>
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## Bachelor of Science in Agriculture

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Animal Science</li> <li>• Crop, Horticulture and Turfgrass Sciences</li> <li>• Honours Agriculture</li> </ul> <p>First year is common; students will select a major in second year.</p>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	77–80%
Notes	Completion of biology, chemistry and physics is recommended. Applicants who lack either biology or chemistry will take a replacement course in semester one.

## Bachelor of Science in Environmental Sciences

Duration	8 semesters (Honours Degree)
Majors	<ul style="list-style-type: none"> <li>• Ecology (available in co-op)</li> <li>• Environment and Resource Management (available in co-op)</li> <li>• Environmental Economics and Policy (available in co-op)</li> <li>• Environmental Sciences (available in co-op)</li> </ul> <p>First year is common; students will select a major in second year.</p>
Required Courses	<ul style="list-style-type: none"> <li>• English</li> <li>• Advanced Functions</li> <li>• 2 courses from: biology, chemistry, physics</li> <li>• 2 additional courses</li> </ul>
Ontario High School Requirements	<ul style="list-style-type: none"> <li>• ENG4U</li> <li>• MHF4U</li> <li>• 2 of the following 3 courses: SBI4U, SCH4U, SPH4U</li> <li>• 2 additional 4U or 4M courses</li> </ul>
Estimated Cut-off Ranges**	76–80%
Notes	Completion of biology, chemistry and physics is recommended. Applicants who lack the third science course are encouraged to speak with their program counsellor.

## Doctor of Veterinary Medicine

Duration	8 semesters (Honours Degree)
Required Courses	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 pages 87 and 130 for more information.

Visit the Academic Calendar at [admission.uoguelph.ca/degrees](https://admission.uoguelph.ca/degrees) and follow the link for a list of majors offered in general vs honours format. Students in French speaking high schools (not French Immersion schools) may substitute FEF4U, Extended French, in place of ENG4U, English for admission requirement purposes.

For programs with an Undeclared option, we recommend you apply directly to a co-op major. In general, it's possible to apply to co-op once you're here, but space is often limited.

\*\* 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.



# National Course Equivalency Chart by Province and Territory

Alberta, Northwest Territories, Nunavut	
General Requirements	Grade 12 diploma, including 5 courses numbered 30 or 31 with weight of 5, including required subjects
English (ENG4U)	English 30–1
Biology (SBI4U)	Biology 30
Chemistry (SCH4U)	Chemistry 30
Physics (SPH4U)	Physics 30
Calculus and Vectors (MCV4U)	Math 31
Advanced Functions (MHF4U)	Math 30–1
Other Math (MDM4U)	Math 30–2



## British Columbia, Yukon

General Requirements	Grade 12 diploma, including 5 acceptable academic Grade 12 courses, including required subjects
English (ENG4U)	English 12 OR English Studies 12
Biology (SBI4U)	Biology 12 OR Anatomy and Physiology 12
Chemistry (SCH4U)	Chemistry 12
Physics (SPH4U)	Physics 12
Calculus and Vectors (MCV4U)	Calculus 12
Advanced Functions (MHF4U)	Pre-Calculus 12
Other Math (MDM4U)	Foundations of Math 12

## Manitoba

General Requirements	Grade 12 diploma, including 5 full courses at the senior level 4, with a minimum of 3 40S courses, including required subjects
English (ENG4U)	English Language Arts 40S
Biology (SBI4U)	Biology 40S

Chemistry (SCH4U)	Chemistry 40S
Physics (SPH4U)	Physics 40S
Calculus and Vectors (MCV4U)	Calculus 45A OR Calculus 45S
Advanced Functions (MHF4U)	Pre-Calculus Math 40S
Other Math (MDM4U)	Applied Math 40S

## New Brunswick

General Requirements	Grade 12 diploma, including 6 academic courses numbered 120, 121, or 122, including required subjects
English (ENG4U)	English 121 OR English 122
Biology (SBI4U)	Biology 121 OR Biology 122
Chemistry (SCH4U)	Chemistry 121 OR Chemistry 122
Physics (SPH4U)	Physics 121 OR Physics 122
Calculus and Vectors (MCV4U)	Calculus 120

Advanced Functions (MHF4U)	Pre-Calculus B-120
Other Math (MDM4U)	Foundations of Math 12

## Newfoundland and Labrador

General Requirements	Grade 12 diploma, including 11 credits numbered 31_ or 32_, including required subjects
English (ENG4U)	English 3201
Biology (SBI4U)	Biology 3201
Chemistry (SCH4U)	Chemistry 3202
Physics (SPH4U)	Physics 3204
Calculus and Vectors (MCV4U)	Math 3208
Advanced Functions (MHF4U)	Math 3200
Other Math (MDM4U)	Foundations of Math 12

## Nova Scotia

General Requirements	Grade 12 diploma, including 5 courses numbered 12 academic or advanced, including required subjects
English (ENG4U)	English 12 (Academic)
Biology (SBI4U)	Biology 12
Chemistry (SCH4U)	Chemistry 12
Physics (SPH4U)	Physics 12
Calculus and Vectors (MCV4U)	Calculus 12
Advanced Functions (MHF4U)	Pre-Calculus 12
Other Math (MDM4U)	Math 12 (Academic)

## Prince Edward Island

General Requirements	Grade 12 diploma, including 5 academic courses numbered 61_ or 62_, including required subjects
English (ENG4U)	English 621A
Biology (SBI4U)	Biology 621
Chemistry (SCH4U)	Chemistry 621

Physics (SPH4U)	Physics 621
Calculus and Vectors (MCV4U)	Math 611B
Advanced Functions (MHF4U)	Math 621B
Other Math (MDM4U)	N/A

### Quebec (Grade 12)

General Requirements	Grade 12 diploma, including 6 academic Grade 12 courses, including required subjects
English (ENG4U)	English 12
Biology (SBI4U)	Biology 12
Chemistry (SCH4U)	Chemistry 12
Physics (SPH4U)	Physics 12
Calculus and Vectors (MCV4U)	Calculus 12
Advanced Functions (MHF4U)	Advanced Functions 12
Other Math (MDM4U)	Data Management 12

Quebec (CEGEP)	
General Requirements	12 academic courses, including required subjects. <b>Note:</b> course codes are subject to change
English (ENG4U)	2 x English 603
Biology (SBI4U)	Biology NYA
Chemistry (SCH4U)	General Chemistry AND Chemistry of Solutions
Physics (SPH4U)	Mechanics AND Electricity & Magnetism
Calculus and Vectors (MCV4U)	Calculus 1
Advanced Functions (MHF4U)	Linear Algebra
Other Math (MDM4U)	Calculus 2

Saskatchewan	
General Requirements	Grade 12 diploma, including 6 courses numbered 30, including required subjects
English (ENG4U)	English A30 OR English B30
Biology (SBI4U)	Biology 30

Chemistry (SCH4U)	Chemistry 30
Physics (SPH4U)	Physics 30
Calculus and Vectors (MCV4U)	Calculus 30
Advanced Functions (MHF4U)	Pre-Calculus 30
Other Math (MDM4U)	Foundations of Math 30

Please refer to the Ontario Admission Requirements chart for specific subject requirements.

\*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](https://ouac.on.ca).

### Application Dates:

October 2020 — applications are available.

January 15, 2021 — 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, 2021 — the deadline for grades to be submitted by your school to the OUAC.

### How to Accept Your Offer:

June 1, 2021 — the deadline to accept your offer of admission through the OUAC.

The residence application and \$750 deposit are due on June 1, 2021. 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 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](https://ouac.on.ca).

### **Application Dates:**

October 2020 — applications are available

January 15, 2021 — 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, 2021.

### **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, 2021 — the deadline to accept your offer of admission through the OUAC.

The residence application and \$750 deposit are also due on June 1, 2021. 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 2020 — applications are available

January 15, 2021 — 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 15, 2021 — the deadline to submit documents to be considered for early offers of admission.

April 15, 2021 — the 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, 2021 — the deadline to accept your offer of admission through the OUAC.

The residence application and \$750 deposit are also due on June 1, 2021. 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).

## **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 2020 — applications are available.

January 15, 2021 — 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 15, 2021 — 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, 2021 — 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, 2021 — the deadline to accept your offer of admission through the OUAC.

The residence application and \$750 deposit are also due on June 1, 2021. 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 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](http://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 74 and 75), have been granted a secondary school diploma, and have not attempted post-secondary studies. For more information, refer to [admission.uoguelph.ca/maturestudent](http://admission.uoguelph.ca/maturestudent).

## **Application Dates:**

January 15, 2021 — 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, 2021 — the deadline to submit documents to be considered for early offers of admission.

April 15, 2021 — 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, 2021 – the deadline to accept your offer of admission through the OUAC

The residence application and \$750 deposit are also due on June 1, 2021.

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, 2021 – 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, 2021 – 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.

### **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](http://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](http://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](http://admission.uoguelph.ca/international)
3. Apply with the Common App at [apply.commonapp.org](http://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](http://ouac.on.ca).

## **Application Dates:**

January 15, 2021 — the deadline to apply if you wish to be considered for early offers of admission.

February 15, 2021 — official application deadline.

## **Submit Documents:**

February 3, 2021 — the deadline for early consideration.

March 2, 2021 — the final deadline. Official documents should come directly from the issuing institution or accreditation body in their official sealed envelope or from [wes.org/ouac](http://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](http://admission.uoguelph.ca/american)

## **Applicants From Other Countries**

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

## **How to Accept Your Offer:**

June 1, 2021 — the deadline to accept your offer of admission.

The residence application and \$750 deposit are also due on June 1, 2021. 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) for more information.

# Additional Admission Documents

## Student Profile Form

Optional but strongly recommended

Deadline: May 1, 2021

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, 2021. 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, 2021

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

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, 2021 will be considered as space allows.

## Bachelor of Landscape Architecture

Mandatory Background Information Form (BIF)

Deadline: March 1, 2021

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

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, 2021

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). 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

### Doctor of Veterinary Medicine

There is no direct admission from secondary school. You must have completed a minimum of two years (i.e. 10.0 credits) of a full-time undergraduate degree. You should take high school biology, chemistry, physics, and calculus or advanced functions. Applicants must be residents of Ontario. See p. 64 for details.

### 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

[admission.uoguelph.ca/international/englishprof](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.

## Deadlines

February 3, 2021 — the deadline for early consideration (out of country applicants)

March 2, 2021 — the deadline for final consideration (for out of country applicants)

April 15, 2021 — 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. They are:

Not admitted to a co-op program? You'll be automatically considered for admission to the regular program.

If you don't possess the admission average for Criminal Justice and Public Policy we'll automatically consider you for BA Honours, Sociology.

If you don't possess the admission average for B.Sc., Animal Biology, Bio-Medical Science, or Human Kinetics we'll automatically consider you for B.Sc., Biological Science major.

### **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 2021 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, 2021** 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 15, 2021**. Applications open in **October 2020**.

## How do I apply to co-op?

The admission average to be considered for co-op programs is normally a minimum of 80%. Exact cut-offs are based on the quantity and quality of applications and the number of places available in the program, and normally exceed the estimated cut-off ranges. If you are interested in selecting the Undeclared option in Bachelor of Commerce or Bachelor of Engineering but you know you want to pursue co-op, it's best if you apply directly to a co-op major. 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 74 and 75) 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](http://admission.uoguelph.ca/englprof)

Test	Competence Level
International English Language Testing System (IELTS) <a href="http://ielts.org">ielts.org</a>	Minimum overall score of 6.5 with no band less than 6.
Canadian Academic English (CAEL) <a href="http://cael.ca">cael.ca</a>	Language Assessment Minimum overall band score of 70.
Test of English as a Foreign Language (TOEFL) <a href="http://toefl.org">toefl.org</a>	Internet-based: minimum total score of 89 with no individual scaled score less than 21. Computer-based: minimum score of 250.  Paper-based: minimum score of 600. Test of Written English (TWE): with a score of 5. Institutional code is 0892.
TOEFL iBT® Special Home Edition* <a href="http://toefl.org">toefl.org</a>	Internet-based: minimum total score of 89 with no individual scaled score less than 21.
Pearson Test of English (PTE) <a href="http://pearsonpte.com">pearsonpte.com</a>	Minimum overall score of 60 with no score less than 60 in the individual components.
Advanced Level of the English Language Certificate Program (ELCP) <a href="http://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.

<p>Cambridge English: C1 Advanced and C2 Proficiency</p> <p><a href="http://cambridgeenglish.org">cambridgeenglish.org</a></p>	<p>Minimum overall score of 176 with no band less than 169.</p>
<p>Duolingo English Test*</p> <p><a href="http://englishtest.duolingo.com">englishtest.duolingo.com</a></p>	<p>Minimum overall score of 110. Individual subscores may be considered.</p>

\* Pending Senate approval, UofG will accept this method of testing for fall 2021 admission only, and will re-evaluate for future use.

## Integrated Admission Pathway (IAP)

[opened.uoguelph.ca/English-Language-Programs](http://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 new 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 option

# 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 2021. 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 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, 2021.

Applicants presenting an admission average of 75% and higher will be considered for admission to the 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.

Applicants presenting an admission average of 75% and higher will be considered for admission to the programs to which they've applied. Possession of an admission average within the estimated cut-off range does not guarantee an offer of admission.



## 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 or in progress 4U/M (or equivalent) 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 74 and 75.

\*\* For a list of required subjects, see the Ontario high school requirements on pages 74 and 75, or provincial equivalents on page 76.

# Financial Support

We make it easier for you! We wholeheartedly believe that an education should be an attainable goal for all qualified students. Every academically qualified student should have the opportunity to attend university, regardless of financial circumstances or obstacles. This is U of G's Guarantee to Accessible University Education.

Student Financial Services is your one-stop unit ensuring that your finances are in order. We provide a wide range of services and resources, from a centralized student account that includes billing for tuition, fees, residence, and meal plans, to our innovative financial aid programs and professional financial aid counsellors, to the millions of dollars awarded each year in scholarships and bursaries.

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

## Helping You Finance Your Education

### Work Study

Our Work Study program creates part-time, on-campus employment for registered students with financial need. It allows you to 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

As a student at U of G, you can apply to one of our more than 4,000 part-time, on-campus jobs. Whether you're serving up a latté in one of our many on-campus eateries, helping with research, working in an academic department, or utilizing your lifeguarding skills at the pool, we know that 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 \$8,000. 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 and 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) for our students from Ontario. We'll help you with questions about the program or the application. The applications for OSAP are available on the OSAP website: [osap.gov.on.ca](https://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 can apply through their home province to receive government assistance. Visit your provincial/territorial government's website for detailed information.

### Your gateway to employability on campus:

- More than 450 Work Study positions on campus
- 100+ Undergraduate Research Assistant (URA) positions
- More than 4,000 part-time jobs
- 250+ Peer Helper positions
- More than 150 positions in Residence Life

## 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)

### Franco J. Vaccarino President's Scholarship

Worth \$42,000 | Apply by January 25, 2021.

[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 \$42,000 CDN (\$8,250 annually for four years of study, plus one \$9,000 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 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, 2021 to be considered. No scholarship application is required. Eligible students will be notified of their scholarship with their offer of admission.



## Scholarships

In 2019/2020, we awarded \$24.2 million to 7,730 undergraduate students, including \$11.4 million in need-based awards to 4,635 students!

### Scholarships for Canada's Best and Brightest Future Leaders

11 scholarships worth \$42,000 each.

Apply by January 25, 2021.

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

#### President's Scholarships

We have nine President's Scholarships that recognize students entering with a minimum 90% admission average who have made significant leadership contributions to their schools and communities.

#### Lincoln Alexander Chancellor's Scholarships

Two are given each year to 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: Indigenous, a person with a disability, and/ or a racialized person.

Scholarships are \$8,250 annually for four years of study, plus one \$9,000 stipend for a summer research assistantship position after first year.

#### Academic Leadership Entrance Scholarships

- 35 awards of \$20,000 payable over four years.
- Recognizing academic excellence and strong demonstrated leadership, innovation and advocacy within the student's school and community.

#### 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

- Students with an admission average of 85.0%–89.9% are guaranteed \$2,000
- Students with an admission average of 90% and higher are guaranteed \$3,000
- Application not required; you will be considered automatically based on your admission average
- Visit [uoguelph.ca/studentfin](http://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](http://uoguelph.ca/studentfin)
- Deadline April 15, 2021 –an offer of admission is not required to apply

## Registrar's Entrance Bursaries

- 500 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](http://uoguelph.ca/studentfin)
- Deadline April 15, 2021 –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 first-generation and Indigenous students.



Use our Scholarship Search Tool to find the scholarship that's right for you! Search [uoguelph.ca/registrar/sfs/ugawards](http://uoguelph.ca/registrar/sfs/ugawards)

## Residence Fees

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

Room Type	Campus Area	Fees (fall and winter semester)
Single	North and South	\$7,752
Single	Johnston Hall	\$7,864
Single	East Residence	\$8,095
Single	Lambton Suite (2 or 3 bdrm suite)	\$8,095
Single	East Village 4–6 bdrm townhouse	\$8,632
Double	North and South	\$6,644
Double	Johnston Hall	\$6,731
Double	East Residence	\$7,193
Triple	North and South	\$5,929
Quad	North	\$5,686

- All rates listed here are subject to change.
- The room deposit of \$750 is applied to the Winter 2022 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](http://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	\$1,432	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 – \$160	Dependent on academic program of study.

- † Applies to Canadian Citizens and Permanent Residents.
- Full-time undergraduate tuition for international students ranges between \$26,730 and \$36,906 per year.
- Co-op students pay an additional \$270 per semester.
- These estimates are based on 2020/2021 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](http://hospitality.uoguelph.ca)

On-Campus Meal Plan Type	Cost Per Year	Cost Per Year Including Textbook Plan
Minimum	\$4,250	\$5,250
Light	\$4,950	\$5,950
Full	\$5,550	\$6,550
Plus	\$6,050	\$7,050
Varsity	\$6,350	\$7,350

- 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 18 for meal plans descriptions.

## Example Total/Year

Full-time tuition	\$6,091
Double room	\$6,644
Full meal plan including textbook plan	\$6,550
Personal budget	\$1,432
<b>Estimated Cost of Attendance</b>	<b>\$23,017</b>

# Important deadlines for 2021 admission

## January 15

Application deadline for currently enrolled high school students to be considered for first round of offers.

## 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 pages 134 to 135)
- 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

- Entrance Scholarships deadline for scholarships that require an application
- Financial Need Assessment Form for Entrance Awards deadline

## 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
- 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 2021 entry



# Connect with us

We offer a number of resources to help you find out more about your areas of interest at UofG and stay connected throughout the admission process.

## Admission Services website

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

The latest admission information, event listings, program details, and links to academic and service areas.

## Follow and add us, #futuregryphon

Snapchat: UofGAdmission

Instagram: UofGAdmission

Twitter: UofGAdmission

Youtube: UofGAdmission

Facebook: UofGuelphAdmission

## Snapchat chats and Instagram Live

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

These are held on specific dates throughout the year on topics related to academics and student life.

## 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 UofG news!

## Academic Calendar

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



A walk across campus only takes 7 minutes!

# How We'll Manage the Impact of COVID-19

The year 2020 has taught us to be resilient and it has reinforced the importance of the University of Guelph's supportive and adaptable community.

At the University of Guelph, the health and well-being of our students, staff and faculty is our number one priority. As the situation evolves, we will continue to adapt to meet your needs.

We don't know what the future holds, but we do know that we will always put your well-being first while continuing to support your Gryphon experience. Here's how we'll do it:

## Tours and Events

We always say that visiting a university campus is one of the most important things you can do when researching a university. If we can't host you on our campus then we'll be coming to you!

Keep your eye out for virtual tours and open houses, webinars and one-on-one meetings with a U of G rep. And follow UofGAdmission on Instagram, Snapchat, Facebook, Twitter and YouTube for all the up-to-date info and your window into what it's like to be a Gryphon.

## Student Experience, Athletics and Clubs

Clubs and activities are a go! Whether you're connecting with your academic club or want to meet with others who share a similar interest, there will be events happening through Microsoft Teams, and you'll find that many groups will use the virtual platform that best suits the activity, from Zoom to Google Meet, and Discord.

We'll be offering engaging recreation, leisure, fitness, and educational programs to support your academic and personal success and we'll be prepared to do so both in person and virtually.

Continue to check [uoguelph.ca/virtual-campus/](https://uoguelph.ca/virtual-campus/) for how we'll turn virtual into virtually amazing!

# Visit us!

Chances are, once you learn more about U of G, you'll choose to stay for four years (or more)! Check us out and see for yourself!

## Tours

### Campus Tours

Learn more about our beautiful campus by exploring residences, lecture halls, dining halls, athletic facilities, the library and much more. To book a campus tour, visit [admission.uoguelph.ca/tours](https://admission.uoguelph.ca/tours)\*

### Ontario Veterinary College Tours

To request a tour of the OVC, at least two weeks notice is required. [ovc.uoguelph.ca](https://ovc.uoguelph.ca)\*

## Fall Events

### Discover U of G

Saturday, September 26, 2020

Where will you be next year? On September 26, let us bring U of G to you! Learn about degree programs, admission requirements, how to apply and all things Guelph, from the comfort of your home. Will this year lead you to becoming a Gryphon?

To register and for more information, visit [admission.uoguelph.ca/events](https://admission.uoguelph.ca/events)\*

### Fall Preview Day

Sunday, November 8, 2020

Attend Fall Preview Day virtually to explore our campus, meet faculty, staff and students, and learn more about U of G programs and student services.

To register and for more information, [visit admission.uoguelph.ca/events](https://admission.uoguelph.ca/events)\*

## Spring Events

### March Break Tours

March 15–19, 2021

Tour our campus during your March Break. Our two-hour tours will take you through residences, lecture halls, dining halls, athletic facilities, the library, and much more. March Break Tours are offered daily March 15–19, 2021.

To reserve your March Break Tour, visit [admission.uoguelph.ca/tours](https://admission.uoguelph.ca/tours)\*

### College Royal

March 20 and 21, 2021

Our students love UofG so much, they throw their own annual Open House event! Bring the whole family to enjoy animal shows, student club displays and explore Old McDonald's New Farm. To learn more, visit [collegeroyal.uoguelph.ca](https://collegeroyal.uoguelph.ca)\*

### Campus Day

Sunday, March 28, 2021

Join us for a full-day Open House to attend academic and student service presentations, speak with students, staff and faculty and tour academic facilities. To register and for more information, visit [admission.uoguelph.ca/events](https://admission.uoguelph.ca/events)\*

\* See page 150 for how COVID-19 may impact our events and tours



## Admission Services UC-L3

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IMPROVE LIFE.

The logo for the University of Guelph, featuring the words "UNIVERSITY" and "GUELPH" in a serif font, with "of" in a smaller, lowercase font between them. The logo is set against a black rectangular background.