Find yourself at the University of Guelph
You’re not a number. You’re a Gryphon.

Going to university is about more than getting a degree or a job. (Although yes, our students do.) It’s also about coming into your own as a person. That’s what it means to join us as a Gryphon. Everything we do at the University of Guelph helps to make that journey noble, fulfilling, and utterly unforgettable. The academics? First-rate and intriguing. The professors? Powerful and thought-provoking. Your fellow students? The most wonderful, good-natured people you’ll ever share a wood-oven pizza with (have we mentioned how good our food is?). And the atmosphere? Like being part of a community that you make complete. It’s all this and more that will improve your life. Everyone who studies here, explores here, teaches here and works here is committed to that simple purpose: to improve life. So come and 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 peacefully 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 collective responsibility to the land where we learn, live and work.

Points of Pride

One of Canada’s Top Comprehensive Universities (Maclean’s)

Top marks for Student Experience (Maclean’s)

Wow! $146 million in annual research funding — we attract more than any other university in Canada without a medical school

$24 million in scholarships and bursaries in 2018/2019

One of the highest % of female STEM students nationally

90.15% employed rate within 6 months of graduation (CUDO, 2016)

Over 90% of students return for their second year at U of G

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We have it
What you seek in a university experience, U of G has it.

26,677 undergraduate students
85+ majors
3,500+ students enrolled in co-op
200+ student clubs
19 intramural sports
25,000 sq ft fitness centre
400 acres and 9 km of walking trails in the Arboretum

red, black and gold are our colours
1000+ experiential learning opportunities
173,000+ alumni in 160 countries
2 food trucks
3,000,000+ bricks make up the walkways on campus

Guelph: the friendly city
Welcome to one of Ontario’s fastest growing cities: Guelph, Ontario. With more than 133,000 living here, you’ll get the vibe of a major community and the welcome feel of a smaller town. The architecture is rich, the downtown core is vibrant, the legacy and cultural diversity are strong, and the community and campus are interconnected.

• Rated one of the 10 best places to live in Canada.
• Unemployment among the lowest in Canada.
• 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.
Before You Arrive

START Online
Sign into STARTonline.ca, your guide to starting university. We have everything you need, including your summer to-do list, optional activities to help get you connected, summer events, Facebook groups by program, Orientation Week information, an online chat and more!

START Aboriginal
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 Aboriginal Student Advisor and the many other Guelph community members who will be at your side throughout your journey.

START International
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,
• Shopping trips with volunteers,
• Welcome Dinner,
• Community BBQ (start making friends as soon as you arrive).

Attendance at START International is strongly recommended for all international students.

When You Arrive

Orientation Week
Starting on the Saturday of Labour Day Weekend, our first week of September is packed with more than 500 activities to help you make friends, learn about campus and be prepared for school. Find out first hand why students rank us one of Canada’s best campus experiences.

Your First Year... and Beyond
Your success is our #1 priority. Enjoy the support of state-of-the-art facilities, internationally recognized faculty who greet you by name, and fellow Gryphons who will help you blaze your path and reach your full academic and personal potential.

First Year Seminars
These fun, small-group seminars are open to every first year student. Limited to 18 students per seminar, and 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
Peer-led study groups are held on a weekly basis and are designed to help you through historically challenging courses. Chemistry, Economics, Calculus, Statistics, and more. And they’re not just for first year students; upper year students benefit from these too!

The Library
All of these programs are held in The Library Learning Commons — our Library holds more than just books.

Peer Helper Program
Connect with more than 240 fellow Gryphons (from all programs!) for mentorship, skill development, volunteer connections, and more. After first semester, apply to be a Peer Helper yourself!

Our goal is for you to succeed. This is how we’ll do it:
We’re here for you and you and you

We will help you thrive in your own unique way. You’ll find welcoming spaces and groups that support and facilitate your personal, spiritual and intellectual growth.

OutLine

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.

Aboriginal Resource Centre

The Aboriginal Resource 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 Everyone

Student Experience

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

The Office of Intercultural Affairs

The OIA provides student advising and supports the transition and orientation needs of International students, students from racially diverse backgrounds, LGBTQ+ students and students of various faiths.

International Students

The International team supports the transition and orientation needs of international students, students from racially diverse backgrounds, LGBTQ+ students and students of various faiths.

Faith

The Multi-Faith Resource team represents a number of faiths and works together to meet the religious orientation needs of all international students, out-of-country Canadians and new permanent resident students.

Racialized Students

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

LGBTQ+ Students

The Sexual and Gender Diversity Advisor provides resources, programs and advising support for LGBTQ2IA+ students.

For Your Wellness

Student Health Services

SAS is for students with the following areas of disability: ADD/ADHD, hearing, learning, medical, mobility, psychological/emotional, and vision. SAS can also provide assistance for academic, housing, personal, career, and financial concerns. Adaptive technology is available.

Wellness Education & Promotion Centre

Student Experience

LGBTQ2IA+ students.

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

For Your Peace of Mind

Counselling Services

Student Support Network (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

The University of Guelph, School of Human Kinetics, provides programs designed to develop sound physical, mental, emotional, and spiritual well-being. We offer the following services:

Wellness Services will help you work at your best.

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

South Residences
Mountain, Prairie, and Maritime Halls make up the residences in the south end of campus. Combined, the South Residences accommodate close to 1,800 students, creating the largest residence community on campus. More single rooms are offered here than in any other residence community. These three halls are co-ed and offer many academic clusters.

North Residences
North campus residences house approximately 1,500 students and include Lambton, Lennox and Addington, Jamaica, Arts House, Biology House, Mills, and Watson Halls. North Residences are co-ed, except for Watson Hall, which is all women. Lambton Hall includes suite-style options with washrooms and kitchenettes.

East Area Residences
The East Halls include Dundas, Lanark, and Glengarry. This shared suite-style residence is also home to the Living-Learning Centres (LLCs): Eco House, La Maison Française, International House, English Learning House, and Leadership House. East Village townhouses are also available to first-year applicants and consist of four-bedroom townhouses with private bedroom shared washrooms, kitchen, dining and living room.

Floor Plans
South Residences
Up to 1,800 students
- Single room layout

North Residences
Up to 1,700 students
- Double room layout

East Residences
Up to 1,700 students
First floor layout

Room types available.

*Please see residence fees on page 85.

Personalize Your Living Options
Choose to live in a Residence Learning Community with other students who share your personal and academic interests.

Residence Learning Communities (RLCs)
residence.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)
Also known as Academic Clusters, ALCs are located across campus and are made up of small groups or ‘clusters’ of first-year students who share classes and living space in an environment that helps students adjust to the challenges of university life and study.

- Bachelor of Applied Science
- Bachelor of Arts
- Bachelor of Arts and Sciences
- Bachelor of Bio-Resource Management
- Bachelor of Commerce
- Bachelor of Computing
- Bachelor of Engineering
- Bachelor of Landscape Architecture
- Bachelor of Science
- Bachelor of Science in Agriculture
- Bachelor of Science in Environmental Science

Living Learning Centres (LLCs)
LLCs are communities that are comprised of students from different academic years who share lifestyle interests.

- Arts House
- Leadership House
- La Maison Française
- International House
- English Learning House
- Eco House

Themed Learning Communities (TLCs)
Choose to live with like-minded peers who prefer one of two options: study-intensive, or substance-free.

Virtual Tours of Residence
- Visit Student Housing’s YouTube page to watch virtual tours of residences and room types!
youtube.com/user/uofgstudenthousing
- Visit residence.uoguelph.ca/roomtypes to see room floor plans.
- Take the 360-degree tour of various residence rooms: residence.uoguelph.ca/360

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

You are GUARANTEED a spot in residence if you submit your online residence application and pay your $750 residence deposit by June 1, 2020!

*Please see residence fees on page 85.

You are living in residence is like living in a mansion and all your friends are in the bedrooms next to you.

Mya, Lambton Hall
Should you expect the best dining options at Canada’s Food University? Absolutely!

Our students have consistently ranked U of G as having the best food on any Canadian university campus. Our secret? Making it ourselves. Whether it’s fresh fruit, salads and vegetables, your favourite comfort foods, or international cuisine, the choice is yours and it’s always close by (yes — we have familiar favourites from popular restaurant chains too!) Special dietary requirements (allergies, faith-based, etc.) are easily accommodated. Here, you don’t just “get full” — you get amazed. Bon appetit!

Our chefs strive for food excellence every day. We won Ontario’s Local Food Champions award, continually source local food to feed more than 20,000 students per day, and we’re proud to be recognized as a Canadian leader for sustainability initiatives.

Meals

### Meal Plans

<table>
<thead>
<tr>
<th>Meal Plan</th>
<th>Meal Plan Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>Not on campus on weekends and have a lighter appetite? This one’s for you.</td>
</tr>
<tr>
<td>Light</td>
<td>Maybe you stay on campus on weekends occasionally, and have a lighter appetite. This is your meal plan!</td>
</tr>
<tr>
<td>Full</td>
<td>Our most popular plan! This one is for students who are on campus on every weekend or so, and love to eat.</td>
</tr>
<tr>
<td>Plus</td>
<td>Plan to be on campus every weekend and love to eat? This is the plan for you!</td>
</tr>
<tr>
<td>Varsity</td>
<td>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!</td>
</tr>
</tbody>
</table>

If you run out of meal plan dollars it’s easy to add more money to your account. For meal plan costs, see page 84.

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 such as:

- East Side Mario’s
- Ray’s Chinese
- Quesence
- Pita Pit
- Domino’s
- Fionn MacCool’s
- Balzac’s Coffee Roasters
- Osmow’s
- Montana’s
- Buffalo Wild Wings

The Textbook Plan

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 on your purchases added to your meal plan. To include the TEXTBOOK plan, add $1,000 to your meal plan cost.

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- Buffalo Wild Wings

The University of Guelph has the best campus food in Canada. Maclean’s Magazine, April 2019
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.

Facilities:

Indoor
- Full court 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 weddings/combat rooms
- Hot tub/whirlpool
- Indoor fieldhouses

Outdoor
- Stadium
- 8 Lane IAFF track
- 2 grass fields
- Men’s specialized training field
- 3 ball diamonds
- 4 beach volleyball courts
- Jogging trails
- 3 multi-purpose artificial fields

Intramurals:
- Badminton (doubles)
- Basketball
- Beach Volleyball
- Bubble Soccer
- Court Volleyball
- Dodgeball
- Flag Football
- Floor Hockey
- Ice Hockey
- Indoor Soccer
- Indoor Wake Polo
- Lobball
- Multi-Sport
- Outdoor Soccer
- Pitchie Ball
- Pitchie League
- Snow Flag Football
- 3-Pitch
- Ultimate Frisbee

Varsity Teams:

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

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- Snow Flag Football
- 3-Pitch
- Ultimate Frisbee

Classes:
- 25 styles of Dance
- Aquafit
- Scat Camp
- Bronze Medalist
- Bronze Spirit
- CPR and AED
- Fencing
- Ice Skating
- Group Cycling
- Muay Thai
- National Lifeguard
- NIKI Scuba
- MG Fitness
- Personal Training
- Pilates
- Springboard Diving
- Taekwondo
- Track & Field
- TRX
- Wilderness Survival
- Yoga

Sports Clubs:
- Badminton
- Cheerleading
- Curling
- Dance Pan
- Dragon Boat
- Equestrian
- Fencing
- Figure Skating
- Hip Hop
- Karate
- Quidditch
- Ringette
- Rock Climbing
- Skiing
- Squash
- Table Tennis
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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 fellow 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

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 sample:

- Aboriginal Student Association
- African Society of Guelph
- Association for Baha’i Studies
- Canadian Asian Student Society
- CF RU Campus/Community Radio Station
- Contemporary Music Ensemble
- Drama Student Federation
- Engineers Without Borders
- Fine Art Network
- 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
- Haiti for Humanity
- Hindi Students Association
- Hindu Students Association
- Indian Students Association
- Islamic Society of Guelph
- Interfaith Network
- Italian Students Association
- Korean Students’ Association
- Native Student Association
- Persian Student Association
- Polish Students Association
- South Asian Students Association
- Sri Lanka Students Association
- Tamil Students’ Association
- University Catholic Community
- University of Guelph Outdoors Club
- Vietnamese Student Society
- West Indian Students’ Association
- World University Service of Canada

Community Involvement

gryphlife.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 mentor youth in an after school program or support other students on campus, whether you are seeking an opportunity on your own or with other students, let Student Experience help you find co-curricular opportunities that are right for you based on your skills, interests, availability, and learning goals.

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

Tanya, Maritime Hall, South Residence

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 fellow Gryphons, or take an active role in the U of G community, our student groups will make your life here truly fulfilling.

Student Governments

Central Student Association (CSA)
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
- fee busy, an on-campus coffee bar
- Sunday Cinema, a weekly No cover, movie night
- concerts, shows, and speakers

Interhall Council

shc.uoguelph.ca

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 their majors, represents their 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 Food, Agricultural, and Environmental Sciences Student Alliance
- College of Life Sciences Student Association
- College of Social and Applied Human Sciences Student Alliance
- LaRonde Student Association
- Lang Student Association
- Student Federation of the Ontario Agricultural College
- Central Memory
- Students’ Association

1918
Experiential Learning

At U of G, you don’t just learn about it, you experience it. Experiential learning will give you the knowledge, skills, and attitudes needed to achieve your personal, academic, and career-related goals. We work with employers and community partners to offer you a variety of experiences inside and outside the classroom that explore your interests and build a strong professional and academic portfolio. This includes 41 co-op programs, hundreds of paid and volunteer experiences, and more than 100 hands-on course options.

Our Experiential Learning Hub team will help you with career advising, job search strategies, education planning, and access to job fairs and networking events. When you graduate you will not only have a degree, but a digital record showcasing your experience. Employers will love it!

uoguelph.ca/experientiallearning

Co-operative Education

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 assist you during the employment process and through 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).
• If you complete your 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 it back to your classroom learning.

Co-op admission is 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 spots in some programs.

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.

The Co-operative Education Coordinators on campus have been fantastic at guiding me through the entire co-op process. From introducing me to how co-op works in COOP*1100, to supporting me throughout the application and interview process, the staff was very involved, and my success felt like a priority to them. During a session I attended as part of the course, they brought in past co-op students; this gave me a really great idea of what to expect during my work terms.

Mahmood Mostafa Mohiuddin
Bachelor of Engineering, Computer Engineering, Co-op
High school: Scholastica School, Dhaka, Bangladesh
Involvement: co-op student; Robotics Club member

uoguelph.ca/coop
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.

uoguelph.ca/cip

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 Hong Kong. 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 locales.

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.

Over 100 study abroad programs in 33 countries!

Study in these countries:

• Argentina
• Australia
• Austria
• Barbados
• Belgium
• Brazil
• China
• Denmark
• England
• Fiji
• Finland
• France
• Germany
• Ghana
• Hong Kong
• Iceland
• Ireland
• Italy
• Japan
• Malta
• The Netherlands
• New Zealand
• Norway
• Scotland
• Singapore
• Spain
• Sweden
• Switzerland
• Trinidad & Tobago
• United States
• Wales
And then you graduate... and you have a network of 173,000 people in your corner.

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alumni.uoguelph.ca

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Career Services
recruitguelph.ca/career

Career Services staff will support, train and lead you as a student and an alumni and help you make career choices. We’ll give you job search skills, help you with resume writing and interview skills, coach you on how to market yourself, provide you with experiential learning and employment opportunities, and teach you how to succeed in landing the job!

Graduate Programs
uoguelph.ca/graduatestudies/programs/list/bydivision

Like many other Gryphons, finishing your undergrad degree is just the beginning. 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! Areas in which you can pursue graduate work include:

• engineering and physical sciences,
• human and animal sciences,
• humanities,
• plant sciences,
• social sciences.

Visit the URL above to see a complete list.

From a U of G BA to the Oscars! How’s that for career success?

I learned a lot as an English student at the University of Guelph that contributed to successes later in my career including working on films like Oscar-winning The Shape of Water. I wanted to study English because it would develop my communication skills. When I got to Guelph, I also immersed myself in studio art courses where the amazing facilities and supportive instructors fostered my experimentation. It’s because of my communication skills and artistic strengths that I was hired at the visual effects company. It’s my English degree that gave me the foundation in written and visual reference. In concept art, you get a script and you have to realize it into images; I had an edge because I could think back to my study of gothic lit, for example, and apply it to gothic horror, which is a favourite of Guillermo del Toro.

Tory Miles
Bachelor of Arts, English, 2009
Concept and Environment Artist, Mr X Visual Effects, Toronto, Ontario

Resident Evil: The Final Chapter; The Strain; Hellboy; John Wick; The Expanse; The Shape of Water; Greek Mythology: Animated 3D: The Final Chapter: The Wicked, Helicity

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BUILDING YOUR 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 Degree Program

With more than 80 majors, 56 minors, certificates, areas of emphasis, electives, and more than 1,000 ways to learn outside the classroom, we know it can seem overwhelming! So let’s break it down.

Step 1: Review the degree programs and themes, starting on page 4. Check out the prerequisites on page 70. Find what interests you.

Step 2: Talk to U of G reps, visit our campus and tour our classrooms and labs, talk to faculty and students. You’ll be surprised how quickly multiple options turn into a few programs—or maybe that one program—that stands out.

Enhance and Explore

Step 3: Add a minor, select an area of emphasis, or enrol in a certificate alongside your degree. (You can do this once you’re a student here, too.) Check out all the options on the next page. You can even enrol in Distance Ed (DE) courses that allow you to study at a time and place that’s convenient for you. And you know what? 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. Whether it’s through co-operative education or experiential learning—or both (pg. 20), at U of G you have lots of choice! Study overseas for a semester and take your learning beyond your borders. We’ll help you navigate your options so you can find the best fit for you. Your program counsellors, academic advisors, professors, and teaching assistants are all here to help you find your way. We’ll do it together.

Areas of Emphasis

Areas of emphasis, thematic streams, areas of focus, and elective/program options are all ways to gain a deeper understanding of your chosen program.

Find Your Degree Program

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**Bachelor of Arts**

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**Improve the art of thinking, engagement and collaboration**

You don't want just any arts degree. You want one that will give you the career advantage. Choose from 24 majors and 56 minors (see page 27). Add one of 11 business minors and you will not only shape your future on your 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.

As a BA student, you’ll have most of your classes in the MacKinnon Building. In the heart of campus, it’s home to the performing arts and the International Institute for Critical Studies in Improvisation.

---

**ART HISTORY**

Immerse yourself in historical perspectives of the visual arts. You will study methodologies and critical theory spanning Greek art to contemporary Canadian art, and the interaction of past and present in a historical and social context. You will benefit from Art History’s interdisciplinary nature; it brings together the insights of other humanities and the sciences, and links to contemporary studio practice.

Sample Careers: Art teacher | Cultural journalist | Exhibition and cultural event planner | Gallery coordinator/curator

**CLASSICAL STUDIES**

Re-discover ancient civilizations. Explore ancient history, mythology, archaeology, the epic of Homer or Latin literature. Learn Greek or Latin, and cultivate a deeper understanding of democracy. Then, build a career in law, media, or business. Or teach, research, or work in archives, libraries and museums.

Sample Careers: Collection technician | Librarian | Museum educator | Teacher

**CRIMINAL JUSTICE AND PUBLIC POLICY**

Investigate the links between law, public policy and social and criminal justice in this collaborative major between the Departments of Sociology and Anthropology, and Political Science. Graduate with a critical understanding of public policy, criminal justice and criminology, and the Canadian legal system, for a related career or post-graduate studies.

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

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**MAJORS**

**ANTHROPOLOGY**

admission.uoguelph.ca/Ba/Anth

Anthropology explores human societies and cultures within contemporary global structures. Select courses such as Kinship, Family, and Power; Culture, Rights and Development; and the Anthropology of Health and to a critical understanding of multiculturalism and the globalization of our daily experience. You’ll be prepared for a wide range of careers in policy, development, government, and community sectors.

Sample Careers: Cultural resource management | Foreign service | Community development worker

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**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 your career. Play your major with a foundational understanding of business principles in communication, problem-solving, leadership, and more.

**MINORS: BUSINESS**

- Business data analytics
- Entrepreneurship and small business
- International business
- Marketing project management
- Project management
- Sustainable business

---

**CLASSICAL STUDIES**

admission.uoguelph.ca/Ba/Clas

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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 your career. Play your major with a foundational understanding of business principles in communication, problem-solving, leadership, and more.

**MINORS: BUSINESS**

- Business data analytics
- Entrepreneurship and small business
- International business
- Marketing project management
- Project management
- Sustainable business

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**CLASSICAL STUDIES**

admission.uoguelph.ca/Ba/Clas

Re-discover ancient civilizations. Explore ancient history, mythology, archaeology, the epic of Homer or Latin literature. Learn Greek or Latin, and cultivate a deeper understanding of democracy. Then, build a career in law, media, or business. Or teach, research, or work in archives, libraries and museums.

Sample Careers: Collection technician | Librarian | Museum educator | Teacher

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**CRIMINAL JUSTICE AND PUBLIC POLICY**

Investigate the links between law, public policy and social and criminal justice in this collaborative major between the Departments of Sociology and Anthropology, and Political Science. Graduate with a critical understanding of public policy, criminal justice and criminology, and the Canadian legal system, for a related career or post-graduate studies.

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

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**Arts and Business Double Feature**

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Sample Careers: Lawyer and legal professional | Policy analyst | Police officer | Social services
OPPORTUNITIES. Just check out page 24 to see how.

Through creative partnerships between governments, communities and businesses, your studies will:

- Understand the geographical, political and economic factors that shape environmental issues.
- Gain work experience with development organizations.
- Explore the interconnection of human activities and the natural environment.
- Discover the past and create the future.
- Engage with the world, explore the complex economic and social issues and government actions, with courses in mathematical economics, environmental management and sustainability, social and environmental justice, food and development.

ECONOMICS

Mathematical economics is the study of economic problems. Mathematical economics is not available in co-op. To declare one of 24 possible majors, you must complete the BA program by test driving some courses in several areas before Declaring your interest to one of 24 possible majors. Not sure where your interests lie? Take advantage of the flexibility, breadth and scope of the BA program and take advantage of the flexibility, breadth and scope of the BA program.

MATHEMATICAL SCIENCE

Choose from three areas of emphasis: Economics, Mathematical science with a secondary emphasis in Social Science, and Mathematical science with a secondary emphasis in Biology. Also available in co-op declaring one of 24 possible majors. Not sure where your interests lie? Take advantage of the flexibility, breadth and scope of the BA program and take advantage of the flexibility, breadth and scope of the BA program.

MUSIC

The School of Fine Art and Music offers courses in music history, theory, ethnomusicology, composition, pedagogy, jazz and improvisation, popular music, digital music, and performance. As an U of G music student, you can join the various choirs and ensembles, study overseas and enjoy rich, global musical traditions, and enjoy the freedom to study other areas of interest that complement your music major. Some courses are open to all students. Some require a knowledge of the fundamentals of music. Auditions are not required for participation, but entry into specific optional performance courses does require the ability to sight-read in addition.

Sample Careers: Music marketing/promotion | Music teacher | Music therapist | Sound/Recording engineer | Studio music/assistant engineer

PHILOSOPHY

Philosophy is a fundamental academic discipline that allows you to pursue questions that have stimulated thinkers in different eras and cultures. How should we live? What do we owe each other? How should we reason and weigh evidence? What is it to be a person? These are classic answers to these questions, but new ones are always being proposed and debated. Studying philosophy develops skills in reasoning and communication; students develop crucial skills in argumentation, critical thinking, intellectual independence, and the ability to understand others' viewpoints and assumptions.

Sample Careers: Lawyer | Business manager | Public service | Not-for-profit work sectors

30 BACKGROUNDS OF ARTS 31
BACHELOR OF ARTS

POLITICAL SCIENCE
Also available in co-op
admission.uoguelph.ca/Ba/Psyc
At Guelph we supplement course content with a practical application of political science to give you both a domestic and international breadth of knowledge. Courses in Political Thought, Comparative Politics, International Relations and Global Studies, Public Policy, Governance and Law. Define your role as a responsible citizen with an informed knowledge of national and global politics, and prepare for vast career choices. Also see B.Comm. Public Management.

Sample Course: Political analysis

Also available in co-op
admission.uoguelph.ca/Ba/Psyc

Sample Careers:
- Political analyst
- Business-government relations
- Lawyer
- Non-governmental organization (NGO)

PSYCHOLOGY
Also available in co-op
admission.uoguelph.ca/Ba/Psyc
Explore the factors that affect people’s thoughts and actions. The field of psychology investigates the components of life that influence your expectations, perceptions, and behaviors, from your brain processes to your social relationships. Learn about research methodology, social psychology, organizational behavior, child development, learning, cognition, perception, psychopathology, and neuroscience. At Guelph we supplement course content with a planned set of professional skills and learning outcomes such as critical thinking, communication, and team work — all skills that will enrich your professional and personal lives.

Sample Course: Perception and psychopathology

Sample Careers:
- Human resources specialist
- Mental health worker in treatment centre
- Parole officer

SOCIOLGY
admission.uoguelph.ca/Ba/Shs
Examine a broad range of social issues with courses such as Social Deviance, Violence and Society; Sociology and Environment; Women, Work, and Public Policy; and Social Change in Latin America. You’ll apply theory to solve real-world challenges; your analytical and communication skills, along with your collaborative work experience will ready you for a career in the public sector, government, and research.

Sample Course: Sociology of development

Sample Careers:
- Political analyst
- Human resources
- Publicist
- Health and social work
- Criminal justice work

SPANISH AND HISPANIC STUDIES
admission.uoguelph.ca/Ba/Shs
Immerse yourself in the rich culture of Spain and Hispanic Studies. Acquire fluency in Spanish and explore the cultural diversity of Spain and Spanish-speaking countries in Central and South America. Spend a semester in Argentina or Spain. Gain the inter-cultural skills, global understanding, and experience abroad that will graduate students.

Sample Course: Hispanic Studies

Sample Careers:
- Human resources specialist
- Mental health worker in treatment centre
- Parole officer

STUDIO ART
admission.uoguelph.ca/Ba/Sart
Practice painting, drawing, printmaking, photography, sculpture, and new media with renowned artists who are actively exhibiting both here and overseas. Connect to the world of contemporary art in Toronto and beyond, and heighten your critical and creative thinking skills for your career. No portfolio required for admission.

Sample Course: Practice painting

Sample Careers:
- Art therapist
- Commercial artist
- Photographer

THEATRE STUDIES
admission.uoguelph.ca/Ba/The
Analyze plays, attend professional productions, study theatre history, and act and participate in technical work. You’ll have the opportunity to participate in productions as an actor or working behind the scenes. The program provides opportunities for students to study in Stratford Ontario, with coaches from the Stratford Festival. Students also have the opportunity to attend productions and meet professionals working in film and theatre. Auditions not required for entry.

Sample Course: Drama teacher

Sample Careers:
- Drama teacher
- Film/TV/theatre production
- Playwright

Our BA grads have worked here:
- • Smithsonian Institution
- • National Gallery of Canada
- • Department of Foreign Affairs
- • UNICEF
- • California Institute of the Arts (CalArts)
- • Maclean’s magazine
- • Department of Canadian Forces
- • California Institute of the Arts (CalArts)
- • California Institute of the Arts (CalArts)
- • Department of Foreign Affairs
- • Smithsonian Institution

BA GENERAL DEGREE
admission.uoguelph.ca/Ba/Gen
Choose between 15 areas of concentration in the 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 goals. 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
- • European Cinema
- • Abnormal Psychology
- • Introduction to Philosophy: Social & Political Thought
- • Introduction to Anthropology
- • Introduction to Psychology
- • Introduction to Sociology
- • 20th Century American Literature
- • Cultural Politics and Gender
- • Crime and Criminal Justice
- • Australian English Language and Culture
- • The Language of Media
- • Understanding Development
- • 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.

“I took a First Year Seminar called Human Rights in Educational Context. It was a super small discussion-based course of about 15 people which encouraged a lot of open communication between the professor and the students. I found it very valuable to have conversations and discussions about a topic. I would highly recommend First Year Seminars because they open your mind to other perspectives which is especially important in the arts.”

Sayan Ladhani
Bachelor of Arts, International Development Studies with an area of emphasis in environment and sustainable development
Bachelor of Arts and Sciences

Improve society

Study in both the arts and the sciences — at the same time! In BAS you don’t have to choose! You will pick one minor in the arts and one in the sciences, and study courses that consider current and historical issues, integrating the two disciplines.

Then you can go on to make a real difference as a veterinarian, archaeologist, doctor, communications and PR professional, lawyer or teacher! You choose your career path!

See list of minors to choose from on page 27.

uoguelph.ca/bas

ASCI Courses

The core courses in BAS are called ASCI (Arts and Sciences) courses. With them you will build your confidence as a speaker, writer and researcher, and you will learn to integrate material across disciplines.

Sample Minor Combinations and Future Career Choices:

With…

chemistry + art history
You could pursue a career in art restoration

computing + psychology
You could pursue a career in gaming research

ecology + international development studies
You could pursue a career in environmental policy analysis

biochemistry + criminal justice and public policy
You could pursue a career in forensic science

physics + theatre studies
You could pursue a career in theatre lighting and sound technology.

Participate in unique courses that investigate how cultural, social and scientific endeavours confront world issues. Critically analyze historical and current case studies to complete volunteer placements at local agencies.

Previous Third Year Community Projects Include:

- Exploring the issues experienced by children who are homeless, and the supports offered by non-government organizations while on an exchange in Delhi, India;
- Tutoring and volunteering at Give Yourself Credit which provides vulnerable youth, ages 16-21, the opportunity to obtain high school credits in a community setting;
- Volunteer with 10-Canter, a long lab for social change in Guelph, developing communication skills, networking, and understanding the role of creativity in a global culture;
- Volunteer 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.

Unique Fourth Year Seminars:

- Science and Gender
- Evolution and Darwinism
- Bacteria and Infections Through the Ages
- Scientific Racism
- Literature and Science

Before coming to Guelph I Googled “what happens if I don’t want to choose between the arts and the sciences in university?” and U of G’s BAS program came up. Most of what I’m involved in comprises finding the connections between science and art in the modern world. I completed an internship in Germany last summer looking for representations of science in novels. For my undergraduate thesis I am examining support services for transgendered youth and determining where the most need exists. I recently ran the Combining Two Cultures conference which brought interdisciplinary students together to encourage collaboration.

Our BAS grads have worked as:

- Dentist
- Medical doctor
- Director of Project Combate (Brazilian NGO)
- History of Medicine professor
- Environmental lawyer

Sample First Year Courses

- Society and Inquiry I
- Introduction to Molecular & Cellular Biology
- Chemistry 1
- Vocabulary Clinic
- 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.
Bachelor of Applied Science

Improve human life

Meet the demand for the improvement of human life at all stages with a curriculum that integrates theory and research into practice. You will combine an understanding of the biological, psychological, and social facets of human development and behaviour. You’ll apply this knowledge in practicums and field placements.

Choose from more than 56 number of minors to complement your major. See page 27.

Applied Human Nutrition

In this professional education program, learn about the physical, social and psychological impact of the food we eat. Explore healthy lifestyles; the effects of personal circumstances on eating habits; the effects of disease and how poor eating habits contribute to illness. Diverse courses shape the skills you need to work in a variety of settings to address nutrition issues. Add the area of emphasis in diabetics if you are interested in a career as a registered dietitian. This dietetic education program is an accredited program recognized by the Partnership for Dietetic Education and Practice (PDEP) and prepares you for eligibility for registration with a provincial dietetics regulatory body.

Sample Careers: Registered dietitian | Fitness consulting | Food policy analyst | Research

Child Studies

In child studies, you examine the ways children learn, develop, and grow from psychological, physiological, and social perspectives, with families considered a central context in which children develop. You explore ways of working with children in diverse and inclusive settings, and the importance of early learning opportunities and early intervention is emphasized. You complete more than 500 hours of practical experience working with children in a variety of settings through guaranteed practicum placements and are eligible to apply for membership in the College of Early Childhood Educators upon graduation.

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Sample Careers: Registered dietitian | Fitness consulting | Food policy analyst | Research

Family Studies and Human Development

This interdisciplinary program provides you with an understanding of the influence of psychological, social, biological, and economic factors on individual health, well-being, and relationships. Guaranteed practicum placements 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 | Sexuality education

APPLIED HUMAN NUTRITION

admission.uoguelph.ca/Basc/Ahn

In the professional education program, learn about the physical, social and psychological impact of the food we eat. Explore healthy lifestyles; the effects of personal circumstances on eating habits; the effects of disease and how poor eating habits contribute to illness. Diverse courses shape the skills you need to work in a variety of settings to address nutrition issues. Add the area of emphasis in diabetics if you are interested in a career as a registered dietitian. This dietetic education program is an accredited program recognized by the Partnership for Dietetic Education and Practice (PDEP) and prepares you for eligibility for registration with a provincial dietetics regulatory body.

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Sample First Year Courses

Applied Human Nutrition

• Introduction to Psychology
• Gender and Family Relationships
• Introduction to Nutrition

Child Studies

• Societies and Society
• Gender and Family Relationships
• Infant Development
• Introduction to Psychology

Family Studies and Human Development

• Human Development
• Sociology
• Introduction to Psychology
• Life Health and Food Being

Check out the undergraduate calendar for new available courses. Go to admission.uoguelph.ca/degrees

* Course selection will vary by major.

Austin Kwong
Bachelor of Applied Science, Adult Development

I am grateful for my university experience, with a minor in Child Studies.

High School: St Robert Catholic Secondary School, Thornhill, Ontario

Community: Part-time tutor, U of G campus, Peer Leader, U of G Peer Tutor, Peer Helper, Student Support Navigator, Wellness Education Coordinator

Career: Peer Helper, U of G Peer Tutor, Student Support Navigator

What I’ve learned: Critical thinking, time management, open communication abilities. My goal is to become a social worker and these skills will be very useful in my career path.

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

• Generics Centre for Auburn
• Urban Grand District School Board
• Toronto Public Health
• Big Brothers
• Big Sisters
• Dietitians of Canada

In third and fourth year I took advantage of practicum courses to gain experience and learn skills that will help me in my future career. I worked with the University’s Wellness Education Centre and the director’s office to develop mental health programming, as well as new initiatives and policies for the on-campus student population and future students. My practicum developed my peer support skills, teamwork and open communication abilities. My goal is to become a social worker and these skills will be very useful in my career path.

admission.uoguelph.ca/Basc/Fhd

Investigate the development of individuals and families across the lifespan within the context of relationships, and diverse social and cultural influences. This interdisciplinary program provides you with an understanding of the influence of psychological, social, biological, and economic factors on individual health, well-being, and relationships. Guaranteed practicum placements 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 | Sexuality education

Sample First Year Courses

Applied Human Nutrition

• Introduction to Psychology
• Gender and Family Relationships
• Introduction to Nutrition

Child Studies

• Societies and Society
• Gender and Family Relationships
• Infant Development
• Introduction to Psychology

Family Studies and Human Development

• Human Development
• Sociology
• Introduction to Psychology
• Life Health and Food Being

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

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• Urban Grand District School Board
• Toronto Public Health
• Big Brothers
• Big Sisters
• Dietitians of Canada
Bachelor of Bio-Resource Management

Improve our resources

Communities in Canada and around the world are seeking leaders to implement effective, natural resource-based solutions to meet social and environmental needs. U of G’s BBRM combines advanced studies in science, technology, and business management. Participate in faculty-led field trips and obtain experiential education credits through research and summer job experience.

uoguelph.ca/bbrm

Our BBRM grads have worked here:

• Canadian Food Inspection Agency
• Greenhawk Equestrian Sport
• Owens Corning
• TD Canada Trust
• Ministry of the Environment and Climate Change Canada

Majors

ENVIRONMENTAL MANAGEMENT
admission.uoguelph.ca/bbrm/em

This major combines the applied aspects of environmental science and technology with effective business training. Your studies will focus on leadership in environmental maintenance, remediation and regulation, and will include courses in ecology, environmental and natural resource economics and policy, and business decision making. Also see B.Sc. Envtl. Environmental Economics and Policy, and Environmental Sciences.

Sample Courses: Development representative | Environmental protection officer | 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/em

Experience a hands-on approach to learning about the management of horses and equine-associated industries and businesses. Learn about the biology, physiology, and behaviour of horses and horse handling and routine care. The economic and management components of the program will develop your understanding of business, ethics, and sustainability for a leadership role in the industry.

Sample Courses: Breeding and foaling manager | Equine event/facility manager | Equine marketing, sales and promotion

FOOD INDUSTRY MANAGEMENT
Also available in co-op
admission.uoguelph.ca/bbrm/fim

Kickstart your career in food management. Hone a unique multidisciplinary skill set and gain a solid background in food science, economics and business, mixing theoretical and applied study. Tailor courses to your career goals and find yourself in high demand by retailers, wholesalers, food service businesses, and food processing technology providers.

Sample Careers: Research and development manager in food manufacturing | Food safety manager | Logistics/supply chain manager

Sample First Year Courses

Environmental Management

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

Equine Management

• Biology of Plants and Animals in Managed Ecosystems
• Introduction to Molecular and Cell Biology
• Principles of Animal Care and Welfare
• Equine Anatomy and Physiology
• Equine Anatomy and Physiology
• Chemistry
• Introductory Microeconomics
• Equine Marketing and Entrepreneurship

Food Industry Management

• Biological Concepts of Health
• Introduction to Molecular and Cell Biology
• General Chemistry I and II
• Introduction to Molecular and Cell Biology
• 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.

* Course selection will vary by major.

I recently completed a group research project where our task was to re-design the city of Guelph groundwater and sourcewater masterplan for the next 30 years. We met with city employees, water engineers and professors of geology and economics to gain a comprehensive understanding of all the elements that go into a plan like that. Because BBRM is a smaller program there are lots of opportunities for collaboration with professors and industry professionals.

Matthew Pavusa
Bachelor of Bio-Resource Management, Environmental Management

High School: Humberview Secondary School, Bolton, Ontario
Involvement: President, BBRM Student Council; Parks Education Adventure Club member; undergraduate representative Scotia BBRM University Senate

“...”
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

Majors

COMPUTER SCIENCE

Also available in co-op
admission.uoguelph.ca/Bcomp/CoP

Explore problems. Build innovative solutions. Contribute to the evolution of technology. Develop a theoretical foundation, practical experience in software development, and an introduction to hardware. Examine pressing computer science issues. Focus on programming and the theory of computation, and choose electives that match your interests, such as Computational Intelligence, Computer Security, Game Programming, and Human Computer Interaction.

Sample Careers: Software developer | Game programmer | Mobile application developer | Web Infrastructure developer | Systems architect

SOFTWARE ENGINEERING

Also available in co-op
admission.uoguelph.ca/Bcomp/SwEng

Contribute to innovative and cutting-edge software designs. Become well-versed in computer science concepts, focusing on team-based software development and professional standards. Develop a background in design and development, and the implementation and evolution of software. Take courses on different aspects of software engineering simultaneously, to broaden your perspective.

Sample Careers: Software developer | Game programmer | Mobile application developer | Web Infrastructure developer | Systems architect

Areas of Application = Career Choices:

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

With computing and psychology, you can study human-computer interaction and study 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!

Lindsay Elliott
Bachelor of Computing, Computer Science, co-op, with an area of application in mathematics
High School: Ursuline College, Chatham, Ontario
Involvement: Guelph Women in Computer Science member; teaching assistant; research assistant

Guelph Women in Computer Science (GWiCS)

A GWiCS is a student organization focused on supporting and providing resources for women in Bachelor of Computing. They host social and educational events, and support students’ opportunities to attend tech conferences.

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
• Computing I
• 2 electives

Software Engineering

Semester 1
• Software Design
• Programming
• Discrete Structures in Computing I
• 2 electives

Semester 2
• Software Design
• Interactive Programming
• Discrete Structures in Computing II
• 2 electives

Check out the Undergraduate Calendar for more available courses. Go to admission.uoguelph.ca/degrees.

There are lots of opportunities to get involved in this program. I am a teaching assistant and a research assistant. I’m involved in the Guelph Women in Computer Science organization and I’ve taken part in several hackathon events. Hackathons typically involve 24 hours straight of collaborative coding. They are fun, innovative and very rewarding. I recently participated in DeltaHacks where the goal was to hack for a change for the better, so we created software to help detect skin moles to report on whether it’s benign or malignant.

Lindsay Elliott
Bachelor of Computing, Computer Science, co-op, with an area of application in mathematics
High School: Ursuline College, Chatham, Ontario
Involvement: Guelph Women in Computer Science member; teaching assistant; research assistant
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 build a practical knowledge base that includes marketing, economics, management and accounting and can add specialty subjects such as hospitality, real estate, and sport management. You can complete a minor in a complementary area of business, and study abroad for a semester. Apply in-class learning to real-world situations through your co-op placement and community projects.

At Lang, our mission is to develop leaders who will use business to improve life in their communities and abroad through a hands-on, collaborative learning environment. You will thrive in the open-concept spaces that promote teamwork among you and your classmates.

Our B.Comm. grads have worked here:

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

We are recognized as one of the top business schools in the world for research in economics and sustainability.

Corporate Knights MBA ranking

I chose the Real Estate and Housing major because I was looking for a specialized business degree and I’ve always had an interest in architecture and real estate development. In-class and extracurricular opportunities have enhanced my teamwork, time management, and leadership skills allowing me to excel in my co-op placements. Getting involved in the Real Estate Student Association and taking part in industry events and case competitions has been key to my success. The connections I’ve made through co-op are invaluable and make me confident I’ll find a job in the industry when I graduate.

Tyler Hanrahan
Bachelor of Commerce, Real Estate and Housing, Co-op

I chose the Real Estate and Housing major because I was looking for a specialized business degree and I’ve always had an interest in architecture and real estate development. In-class and extracurricular opportunities have enhanced my teamwork, time management, and leadership skills allowing me to excel in my co-op placements. Getting involved in the Real Estate Student Association and taking part in industry events and case competitions has been key to my success. The connections I’ve made through co-op are invaluable and make me confident I’ll find a job in the industry when I graduate.

Tyler Hanrahan
Bachelor of Commerce, Real Estate and Housing, Co-op

Majors

ACCOUNTING
Available in co-op
admission.uoguelph.ca/Bcom/Acct

Achieve a highly respected professional designation and a successful career in business and accounting: the accounting program’s undergraduate courses are all acknowledged requirements ahead of becoming a Chartered Professional Accountant (CPA) of Ontario. Complement your accounting focus with a secondary area of discipline, leadership, data analytics, business sustainability, marketing, international business, or human-resource management. Upon graduation, you can pursue a 4-month graduate diploma in accounting.

Sample Careers: Public accountant | Financial analyst | Controller | Management consultant

FOOD AND AGRICULTURAL BUSINESS
Available in co-op
admission.uoguelph.ca/Bcom/Fab

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

Sample Careers: Account executive in marketing communications | Account executive in market research | Policy analyst and consultant | Manager/Consultant in agribusiness finance

We are recognized as one of the top business schools in the world for research in economics and sustainability.

Corporate Knights MBA ranking
HOSPITALITY AND TOURISM MANAGEMENT
Available in co-op
admission.uoguelph.ca/Bcom/Htm

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. Study overseas. Attend networking events with industry leaders. Prepare for a leadership role in this fast-paced industry. In the co-op option, 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 | Hotel investment analyst

MANAGEMENT
Available in co-op
admission.uoguelph.ca/Bcom/Man

Gain strategic leadership and management skills that will prepare you for work 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. This major will give you a strong foundation in business with an emphasis in leadership and management studies, and is 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 | Business analyst

MANAGEMENT ECONOMICS AND FINANCE
Available in co-op
admission.uoguelph.ca/Bcom/Mef

Integrate the analysis of economics and finance with the practical tools of accounting, business management and marketing in management economics and finance. Specialize in areas of management, 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. Also see BA, Economics.

Sample Careers: Financial analyst | Economist | Policy analyst | Accountant | Investment banker

MARKETING MANAGEMENT
Available in co-op
admission.uoguelph.ca/Bcom/Man

Gain a better understanding of consumer behaviour and decision-making — critical skills for any marketeer — 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, sales in co-op, 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 or public relations

PUBLIC MANAGEMENT
Available in co-op
admission.uoguelph.ca/Bcom/Pmg

Combine politics, law and business in public management. 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 in the public, private and voluntary sectors.

Sample First Year Courses
- Introductory Financial Accounting
- Introductory Macroeconomics
- Introductory Microeconomics
- Principles of Management
- Principles of Accounting
- Principles of Economics
- Principles of Marketing

Sample Careers: Government policy analyst | Business development specialist | Legislative assistant | Corporate accounts manager

REAL ESTATE AND HOUSING
Available in co-op
admission.uoguelph.ca/Bcom/Reh

Meet the high demand for employees in the real estate industry, in real estate and housing. 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 even be exempt certain professional certifications and designations, such as the “Accredited Appraiser Commercial Institute” (AACI) designation.

Sample Careers: Property or asset manager | Development coordinator | Commercial real estate broker | Housing policy advisor | Financial analyst

SPORT AND EVENT MANAGEMENT
Available in co-op
admission.uoguelph.ca/Bcom/Spmt

Learn key aspects of the sport and event management industry including sponsorship, media, event hosting, and organizational leadership. You’ll gain a strong foundation in business and sport business discipline. Through the International Institute for Sport Business and the Department of Athletics, you’ll benefit from a joint partnership between the School and the Department of Athletics. For details of this program, visit the School of Business website.

Sample Careers: Athletics manager | Sport operations manager | Business development event and sponsorship manager | Player development coordinator | Recreation manager

UNDECLARED
Available in first year only
admission.uoguelph.ca/Bcom/Und

Want a commerce degree, but not ready to commit to a specialized major? Begin with courses that foster a smooth transition to a specialization in second year. To pursue a co-op, we recommend that you apply to the co-op stream of the major that most interests you directly from high school; space in co-op can be limited.

Sample First Year Courses
- Introductory Macroeconomics
- Introductory Microeconomics
- Principles of Accounting
- Principles of Economics
- Principles of Marketing

Sample Careers: Government policy analyst | Business development specialist | Legislative assistant | Corporate accounts manager

Entrance into co-op for in-course students is subject to availability, and your diversity of foreign language
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 each year of your program. This hands-on design sequence gives you the competitive advantage.

Majors

BIOLOGICAL ENGINEERING

Also available in co-op
admission.uoguelph.ca/Beng/Bioe

Combine engineering principles with the sciences to design creative solutions for biological systems. Explore biological engineering with our interdisciplinary curriculum, including areas such as pharmaceutical and food manufacturing; biomaterials and tissue engineering; and production of sustainable, bio-based materials. Be prepared for an exciting career full of opportunity in a vast number of related fields.

Sample Careers: Biotech manager | Process engineer | Food safety analyst | Pharmaceutical engineer

BIOMEDICAL ENGINEERING

Also available in co-op
admission.uoguelph.ca/Beng/Biomed

Innovate engineering principles and technologies to design ways of improving human and animal health and quality of life. Study anatomy, physiology and human kinetics, and courses in electronics, mechanics and computer science. Examine biosystems from molecular to a full-body scale to understand the repercussions of disease or injury. Pursue a rewarding career in public or private sectors of the healthcare industry.

Sample Careers: Prosthetic designer | Physician | Medical imaging | Human factors engineer

COMPUTER ENGINEERING

Also available in co-op
admission.uoguelph.ca/Beng/Compeng

Computer engineering combines computer science and electrical engineering. Study and apply algorithmic, electronic and digital design principles to the design, construction, implementation and maintenance of software and hardware components of modern computing systems. In third and fourth years, 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 | Wireless solutions engineer

ENGINEERING SYSTEMS AND COMPUTING

Also available in co-op
admission.uoguelph.ca/Beng/Esc

Develop computer-based systems that are crucial to everything from aircraft to the human body. Explore a unique mix of 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 | Systems engineer | Mechatronics engineer

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

Our B.Eng. grads have worked for:

Google
NASA
Bombardier
ArtiSat
PepsiCo

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.

I study almost exclusively in the Thornbrough building because of the collaborative and energetic environment. Its comfy couches, hammocks, showers, and Tim Hortons’ mean you never really have to leave so finding a study space is never an issue. In my 3 years in the program I’ve developed strong organizational skills, increased my adaptability, and strengthened my written and oral communication skills. I’ve been required to apply these skills in each of my co-op work terms and will certainly continue to apply them in all career opportunities to come.

Melissa Hardy
Bachelor of Engineering, Environmental Engineering, Co-op

High School: St. Augustine Catholic High School, Markham, Ontario

Involvement: Strategy Team Executive for Engineers Without Borders – Guelph Chapter; Peer Wellness Educator with the Wellness Education Centre
ENVIRONMENTAL ENGINEERING
Also available in co-op
admission.uoguelph.ca/Beng/Enve
This interdisciplinary major fuses engineering and science principles together. 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 | Environmental affairs manager

MECHANICAL ENGINEERING
Also available in co-op
admission.uoguelph.ca/Beng/Me
Become pivotal to the design, manufacturing and maintenance of systems in mechanical engineering. Specialize in one of four areas, or choose electives which 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 challenging and rewarding career options in both the private and public sectors.
Sample Careers: Aerospace project coordinator | Manufacturing engineer | Robotics and automation engineer | Mechanical design engineer

WATER RESOURCES ENGINEERING
Also available in co-op
admission.uoguelph.ca/Beng/Wre
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 | Water resources designer

UNDECLARED
Available in first year only
admission.uoguelph.ca/Beng/Und
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.
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
Note: courses will vary depending on your major

IMPORTANT ADMISSION NOTE
Effective Fall 2022, admission requirements to Bachelor of Engineering change to: ENG4U, MHF4U, MCV4U, SPH4U, SCH4U plus one additional 4UM course.

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

Note: courses will vary depending on your major

Check out the Undergraduate Calendar for more available courses. Go to admission.uoguelph.ca/degrees for more.
Bachelor of Landscape Architecture

Improve outdoor spaces

Turn your creative vision into living reality. In landscape architecture, you will apply creativity, innovation, and an understanding of natural and social systems to design outdoor spaces that are as attractive as they are functional and sustainable. The only accredited program of its kind in Canada, you will combine your education with practice and prepare to succeed in the working world. You will learn from accomplished faculty in extensive studio design space, available to you 24 hours a day, and the University’s 162-hectare Arboretum is on your doorstep. Hands-on learning, studio projects and international exchange opportunities all ensure that your theoretical ideas are put into reality.

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 Communications Studio
• Human 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.

Background Information Form (BIF)

Students are required to submit a Background Information Form (BIF) as part of their application to the Bachelor of Landscape Architecture program. The BIF deadline is March 1, 2020. The BIF can be found at admission.uoguelph.ca/bla_bif commencing December 1, 2019.

In third year, landscape architecture students have the option to complete an internship abroad or take a semester of electives here at Guelph. I chose to work one-on-one with a landscape architecture professor on an independent study project with the goal of designing the U of G disc golf course. This project was a fun challenge that allowed me to put my design skills to work and create something tangible.

James Hughes
Bachelor of Landscape Architecture
High School: Silverthorn Collegiate Institute, Etobicoke, Ontario
Involvement: Landscape Architecture Student Society member

Involvement:

• Landscape Architecture Student Society member

Sample Careers: Landscape architect | Urban design/Community design facilitator | Environmental design and landscape rehabilitation | Designer, resorts, destination and attractions

uoguelph.ca/bla

Our BLA grads have worked on these projects:

• Toronto Beltline, A Smart-track GO Station Design; Toronto
• Kienyu, Wellness Resort; China
• Mississauga Heritage Tourism Landscape Project; Hirok, Iraq
• Neolithic Landscape (Banter Bay); Carlisle Bay, Barbados
• Winter Outside, Urban Playground; Edmonton
• Resilient Regeneration; Lisbon, Portugal
• Jardin de Meta International Garden Festival in Grand-Métis, Quebec
• Kayanase Ecological Landscape Restoration; Six Nations
• Ebb & Flow, Reconnecting Iqaluit; Nunavut

• Design and Communications Studio
• Human 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.
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. Agriculture and food industries have more job openings than qualified people to fill them. Make tangible contributions to our world and find yourself at the forefront of improving one of the largest industries in Canada.

uoguelph.ca/bsc-agr

Majors

ANIMAL SCIENCE
admission.uoguelph.ca/Bscag/Ansc

Explore the improvement of food quality, production and performance through selective breeding, good nutrition and sound management in Animal Science. The goal of modern animal agriculture is to produce quality products efficiently using humane animal pro-
duction systems. Courses and independent research options cover animal nutrition, welfare, genetics and biotechnology, preparing you for a variety of rewarding careers in animal production and health. Students have also taken 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 | Sales representative

CROP, HORTICULTURE AND TURFGRASS SCIENCES
admission.uoguelph.ca/Bscag/Chts

Apply the latest discoveries in the biological sciences to current problems in the plant production industries in crops, horticulture and turfgrass sciences.

Learn about the production of field crops for food, fuel or bio-materials, and breeding improved crop varieties. Discover today’s advanced commercial greenhouses and horticultural production. Also see B.Sc. Plant Science.

Sample Careers: Plant breeder | Research associate | Sales manager | Golf course superintendent

Honours Agriculture
admission.uoguelph.ca/Bscag/Agrs

Prepare for your ideal career in one of Canada’s largest industries, with honours agriculture. Create a curriculum uniquely suited to your career goals, combining core agricultural science courses with a wide range of electives focusing on agrifood business, animal and plant production, land management and sustainability. Graduates are greatly valued by prospective employers for their solid foundation of knowledge, experience and skills.

Sample Careers: Agriculture consultant | Educator | Government regulator/advisor | Agriculture journalist

There are 4 jobs for every Ontario Agricultural College graduate entering Ontario’s food and agriculture sector.

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.

*The common first year in Agricultural Sciences gives you the flexibility to select one of three majors.

I’ve taken various classes, including a field course called Soil Variability and Land Evaluation where we went out on local excursions and a two-day overnight camp. I learned a lot of valuable information about soil science and research methods. Learning the basics of soil classification and how to collect and analyze samples helped me in my lab assistant job here at the University of Guelph and in my summer job at the Ontario Ministry of Agriculture Food and Rural Affairs.

Robin Bradley
Bachelor of Science in Agriculture, Honours Agriculture
High School: Parry Sound High School, Parry Sound, Ontario
Involvement: Winter 2018 exchange to Wageningen University in the Netherlands; U of G lab technician

Our B.Sc. (Agr.) grads have worked here:
• Corteva Agriscience
• Farm Credit Canada
• Syngenta
• RBC Royal Bank
• OMAFRA

HONOURS AGRICULTURE
admission.uoguelph.ca/Bscag/Agrs

Prepare for your ideal career in one of Canada’s largest industries, with honours agriculture. Create a curriculum uniquely suited to your career goals, combining core agricultural science courses with a wide range of electives focusing on agrifood business, animal and plant production, land management and sustainability. Graduates are greatly valued by prospective employers for their solid foundation of knowledge, experience and skills.

Sample Careers: Agriculture consultant | Educator | Government regulator/advisor | Agriculture journalist

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Robin Bradley
Bachelor of Science in Agriculture, Honours Agriculture
High School: Parry Sound High School, Parry Sound, Ontario
Involvement: Winter 2018 exchange to Wageningen University in the Netherlands; U of G lab technician

Our B.Sc. (Agr.) grads have worked here:
• Corteva Agriscience
• Farm Credit Canada
• Syngenta
• RBC Royal Bank
• OMAGRA

Bachelor of Science in Environmental Sciences

Improve our environment

Time is running out to minimize how climate change impacts our lives. The UN has said ‘we need to push harder’. Be part of the movement that pushes harder.

Learn to face environmental problems with a unique U of G perspective that focuses on the essential connection between us and our world. Discover how to put us on a more sustainable path. Broaden your knowledge and influence with experiential education courses, co-op and studying overseas.

ECONOMICS IN ENVIRONMENTAL SCIENCES

Also available in co-op
admission.uoguelph.ca/Bscenv/Envsci

Our B.Sc. (Env.) grads have worked here:
• Stantec Engineering Firm
• OMAFRA
• Alberta Parks
• McKenzie Lake Lawyers LLP
• Ministry of the Environment and Climate Change Canada

Majors

ECOLOGY
Also available in co-op
admission.uoguelph.ca/Bscenv/Ecol

As an ecology student, you will learn how plants, animals, and microbes interact with their surroundings. Explore issues such as habitat loss or why species such as the panda become endangered. Develop the expertise needed to contribute to solving ecosystem management questions. Prepare for a career in environmental protection, sustainability, consulting, research and impact assessment.

Sample Careers: habitat conservation and restoration consultant | Environmental protection agent | Scientific writer/editor | Conservation ecologist

ENVIRONMENT AND RESOURCE MANAGEMENT
Also available in co-op
admission.uoguelph.ca/Bscenv/Erm

Focus on environmental interactions from science and social science perspectives. Learn the tools and techniques to evaluate complex biophysical environmental problems including technical skills like remote sensing and geographic information systems (GIS), effective data collection, analysis and presentation of information. Also see BA Geography, B.Sc. Environmental Geomatics.

Sample Careers: Community land use planner | Planning design coordinator | Geographic information systems analyst

ENVIRONMENTAL ECONOMICS AND POLICY
Also available in co-op
admission.uoguelph.ca/Bscenv/Eep

Integrate science, economics, law, and politics to solve environmental problems. Study the market and policy factors that motivate people to take action on environmental issues. With this knowledge base, move smoothly into the workplace or graduate studies.

Sample Careers: Environmental policy analyst | Resource management specialist | Environmental law | Business sustainability manager

ENVIRONMENTAL SCIENCES
Also available in co-op
admission.uoguelph.ca/Bscenv/Envsci

Discover how life is sustained by complex interactions between the biosphere, geosphere, hydrosphere and atmosphere. Engage in solving complex environmental problems about our food supply, drinking water, and air we breathe. Learn the scientific principles of the physical environment, biology, and chemistry and the environmental impacts and effects of human intervention.

Sample Careers: Environmental scientist | Air and water quality monitoring specialist | Environmental coordinator/analyst

Sample First Year Courses

Semester 1
• Discovering Biodiversity
• General Chemistry I
• Introduction to Environmental Sciences
• Elements of Calculus

Semester 2
• General Chemistry II
• Introduction to Molecular and Cellular Biology
• Introduction to Environmental Science, Law & Policy
• Introduction to the Biophysical Environment

Check out the Undergraduate Calendar for more available courses. Go to admission.uoguelph.ca/degrees

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

“Always wanted to come to U of G because of the opportunities available in the Environmental Science program. Once I found out that they also had the best Track & Field team in Canada, I knew it was the perfect fit for me. I recently completed my own thesis project in an independent research course. I studied Lake Erie and the streams that feed it to examine how local agriculture is affecting the watershed. I’m excited to be returning to Guelph in the fall to begin my masters in marine ecology.

Charlotte Ward
Bachelor of Science in Environmental Sciences, Environmental Sciences
High School: Barrie Central Collegiate Institute, Barrie, Ontario
Involvement: varsity women’s cross country & track and field athlete and co-captain

Sample Our B.Sc. (Env.) grads have worked here:
• Stantec Engineering Firm
• OMAFRA
• Alberta Parks
• McKenzie Lake Lawyers LLP
• Ministry of the Environment and Climate Change Canada

One of Canada’s top 10 universities for environmental sciences!!

Best Global Universities, 2018

environmental sciences

54

55
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 in new labs with some of the most respected research scientists and discover new ideas about our world.

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. First year courses will enable you to explore and find where your passions lie.

bsc.uoguelph.ca

Majors

ANIMAL BIOLOGY
administration.uoguelph.ca/Bsc/Abio

Explore genetics, physiology, behaviour, welfare, and nutrition. Obtain a broad overview of animal production systems and animal biosecurity, 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. (Ag) Animal Science.

Sample Courses: Animal biosecurity specialist | Animal behaviour/animal care | Veterinarian | Product quality controller

BIOCHEMISTRY
Available in co-op
administration.uoguelph.ca/Bsc/Bioc

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

Sample Courses: Research biochemist | Forensic scientist | Sales and marketing | Scientific writing

BIODIVERSITY
administration.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-prospector | Conservation biologist

BIOLOGICAL AND MEDICAL PHYSICS
Available in co-op
administration.uoguelph.ca/Bsc/Biomp

Many areas of biological and medical physics have important implications for human health, like the probing of molecular structure in muscle by X-ray diffraction. Study courses such as Biophysics of Excitable Cells, Radiobiology 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 | Forensic scientist

BIOLOGICAL AND PHARMACEUTICAL CHEMISTRY
Available in co-op
administration.uoguelph.ca/Bsc/Bpc

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

Sample Careers: Cancer researcher | Pharmacist | Forensic pharmacist | Biopharmaceutical analyst

Our B.Sc. grads have worked here:
• World Wildlife Fund
• Health Canada
• Sick Kids Hospital
• Oxford University
• Government of Canada
• Lumen Vitema
• Toronto Zoo

BIOLOGY
administration.uoguelph.ca/BSc/Biol

Discover the exciting field of biology 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-prospector | Conservation biologist

BIOLOGICAL AND MEDICAL PHYSICS
Available in co-op
administration.uoguelph.ca/Bsc/Biomp

Many areas of biological and medical physics have important implications for human health, like the probing of molecular structure in muscle by X-ray diffraction. Study courses such as Biophysics of Excitable Cells, Radiobiology 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 | Forensic scientist

BIOLOGICAL AND PHARMACEUTICAL CHEMISTRY
Available in co-op
administration.uoguelph.ca/Bsc/Bpc

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

Sample Careers: Cancer researcher | Pharmacist | Forensic pharmacist | Biopharmaceutical analyst

I am currently working on a neuroscience research project studying fire-bellied toads in the Hagen Aqua Lab on campus. I am assessing their learning capabilities to examine the notion that the ability to encode contextual stimuli is conserved across vertebrates. This project is improving my knowledge of research methods while helping me develop animal-handling techniques and how to write a scientific research paper.

Amanda Reynolds
Bachelor of Science, Biological Science, with a minor in Neuroscience.

High School: Malvern Collegiate Institute, Scarborough, Ontario
Involvement: tour guide; President of U of G Red Cross Group; TedX Guelph U participant; undergraduate representative on U of G Gender Equity Committee
BIOSCIENCE  
admission.uoguelph.ca/Bsco

Design a major to fit your interests and career goals with biological science. Foundation courses cover molecular biology and genetics, biochemistry, evolu-

BIOLICAL TOXICOLOGY  
admission.uoguelph.ca/Bsco/Bitox

Play a role in building a healthier society with biomedial 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 | Medical sales

CHEMICAL PHYSICS  
admission.uoguelph.ca/Bsco/Cphys

Blend areas of physics and chemistry to explore molecular systems, from a broad scale solid to courses such as Thermodynamics and Kinetics, and Atomic and Molecular Physics. Emphasize 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:  
Physicians | Pharmacist | Pharmaceutical product developer

BACHELOR OF SCIENCE  
admission.uoguelph.ca/Bsco

Gain the entrance requirements for professional careers in industry, government or academia. 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 | Physician

ENVIRONMENTAL BIOLOGY  
admission.uoguelph.ca/Bsco/Env

Examine the impacts of climate change and learn about insect diversity, waterborne 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 | Entomologist

ENVIRONMENTAL GEOMATICS  
admission.uoguelph.ca/Bsco/EnvGeo

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 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 | Geomorphologist

CHEMISTRY  
admission.uoguelph.ca/Bsco/Chem

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 enhance analytical and practical skills for graduate or professional programs, and your career.

Sample Careers:  
Analytical chemist | Consumer product chemist | Environmental analyst | Physician

“Recently in my 2nd year physics class, we learned about driven damped oscillators. Then, in our lab-based course, we completed a formal lab using that equipment. It was interesting to take the theoretical knowledge we learned in class and apply it in the lab. That’s what science is: using theory to create a hypothesis and experimenting to either prove or disprove the hypothesis.”

Tanner Gauvin  
Undergraduate, Physics with a minor in Computing and Information Science  
Bachelor of Science, Physics with a minor in Computing and Information Science  
Secondary School, Brampton, Ontario  
High School: St. Thomas Aquinas

5958
FOOD SCIENCE Also available in co-op admission.uoguelph.ca/Bsc/Fsci

Explore the changing 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 to table. Apply your skills learned in chemistry, processing, microbiology, quality assurance and sensory evaluation to the development of a food product from ideas generation to implementation and to market production. To become a Registered Dietitian, please see B.A.Sc. Applied Human Nutrition.

Sample Careers: Food safety research analyst | Food product developer | Technical sales | Food business entrepreneur

HUMAN KINETICS admission.uoguelph.ca/Bsc/Phk

Explore the biological aspects of human movement, function, and performance in health, aging, and exercise science. Study neurophysiology, biomechanics, anatomy, genetics, and biomechanics of exercise. Participate in laboratories in exercise testing and assessment of human movement, and in-depth dissection-anatomical study of the human body. Gain the requirements to become a certified Kinesiologist. Pursue graduate work or a variety of related professional programs. Students interested in Kinesiology, please see the University of Guelph-Humber B.A.Sc. Kinesiology program with electives to emphasize aspects of molecular/cellular, behavioural and cognitive, and functional neuroscience. Structure your program with electives to emphasize aspects of exercise sciences and cellular and cognitive, and biological neuroscience.

Sample First Year Courses
Semester 1
• Biology I
• Biology II
• Calculus I

Semester 2
• Chemistry I
• Physics I

Sample Careers: Health researcher | Kinesiologist | Physical therapist | Ergonomist/health and safety officer

MARINE AND FRESHWATER BIOLOGY admission.uoguelph.ca/Bsc/MBio

Explore the basic interactions of living organisms and their environment, and the processes of change. Examine the life cycles and adaptations of marine species and the environments they inhabit. Study the influence of natural and anthropogenic factors on marine and freshwater environments, and work with aquatic organisms in the state-of-the-art Hagen Aquaria. Examine management and conservation, aquaculture and sustainable methods and practices in arctic, tropical or temperate regions. In or 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 | Conservation biologist

MATHEMATICAL SCIENCE admission.uoguelph.ca/Bsc/Msci

Discover how mathematics and statistics can be applied to the sciences to solve real world problems. Gain the knowledge and understanding 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: Biostatistics; Biostatistics; Mathematical Modeling; Computer Science. Also see B.Math. Mathematical Science.

Sample Careers: Data scientist | Fraud and risk analyst | Computational biologist

MICROBIOLOGY Also available in co-op admission.uoguelph.ca/Bsc/Mbio

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

Sample Careers: Food and drug microbiologist | Clinical laboratory researcher | Pharmacist

MOLECULAR BIOLOGY AND GENETICS admission.uoguelph.ca/Bsc/Mbg

Explore the genes, the genetics of microorganisms, plant and animal, 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. Participation in research projects to help you gain additional hands-on training for a career in this exciting field.

Sample Careers: Geneticist | Medical laboratory researcher | Forensic scientist | Genetic counselor

NANOSCIENCE Also available in co-op admission.uoguelph.ca/Bsc/Flamo

Discover the science of the very small in nanoscience. Discover the unique properties of materials and devices whose dimensions lie in the nanometre range. Discover nanoscience from the research lab to the industrial and consumer realms.

Sample Careers: Nanophotography process designer | Nanoparticle toxicologist | Cancer nanotechnologist

NEUROSCIENCE Also available in co-op admission.uoguelph.ca/Bsc/Neuro

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

Sample Careers: Food and drug microbiologist | Clinical laboratory researcher | Pharmacist

PHYSICS Also available in co-op admission.uoguelph.ca/Bsc/Phk

Explore the brain, the most poorly understood organ of the human body, and the source of many disorders. 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 research tools in neuroscience and computational and cognitive, and biological neuroscience.

Sample Careers: Biotechnology | Neuroethics | Neuroengineering

PHYSICAL SCIENCE Also available in co-op admission.uoguelph.ca/Bsc/Fsci

Create your own curriculum and explore physical sciences. Focus on chemistry, computing and information science, mathematics or 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 | Atmospheric scientist

PLANT AND SOIL SCIENCE admission.uoguelph.ca/Bsc/Psci

Explore prominent worldwide issues such as the depletion of natural resources and global climate change. Study ecology and the evolution of organisms in larger tropical, freshwater, and terrestrial environments and standing of plant and animal conservation. Practical experience gained in lab, field research, and applied research, combined with knowledge of strategies for conservation, management and policy, will build broader future opportunities in this field.

Sample Careers: Animal researcher | Habitat conservationist | Park warden | Fisheries consultant

ZOOLOGY admission.uoguelph.ca/Bsc/Zoo

We share planet Earth with 30 million other animal species, and virtually nothing is known about most. Gain a deep insight into the discoflavours of life through the broad background in evolution, economy, and vertebrate and invertebrate biology. Participate in local, international, or research project, and contribute to our knowledge of the animal kingdom.

Sample Careers: Shrub ecologist | Behavioral primatologist | Veterinary | Commercial veterinarian

Sample Year Courses
Semester 1
• Biology I
• General Chemistry I
• Physics I
• Climate and Environment

Semester 2
• Biology II
• General Chemistry II
• Physics II
• Mathematical or computational science elective or Business education elective

Check out the Undergraduate Calendar for more available courses. Fax: admission.uoguelph.ca/degrees
Doctor of Veterinary Medicine

Improve animal, human and ecosystem health

For graduates from the Ontario Veterinary College (OVC) the pursuit of veterinary medicine 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 practice 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.

What does it mean to be an OVC graduate?

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

ovc.uoguelph.ca

FAQs

When can I apply to the DVM program?

Before applying to the DVM program, students must complete two years of a full-time undergraduate degree, within which you must take the 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 and admit you to the college or university undergraduate program of your choice. You will need to take the eight required courses while in your undergraduate program.

How do I get veterinary experience?

The best way to learn if becoming a veterinarian is for you is to gain firsthand experience. You can get this through job shadowing, working, or volunteering with veterinarians. Visit OVC’s website for the location of a veterinarian in Ontario, or go to the College of Veterinarians of Ontario website at 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 veterinarians in academic or job shadow one of the many veterinarians working in the government or industry sectors.

How can I gain experience with animals?

In the DVM program having a solid comfort level with various animal species, general veterinary knowledge and understanding, animal handling, and learning abilities are critical. Experience working with livestock, breeding/showing various species, equestrian activities and any other animal related hobby or experience where a veterinarian is not always present.

You can 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?

Any student who has attended university or college and fulfilled the entrance requirements can apply to the DVM program at the Ontario Veterinary College. If you are completing your undergraduate degree outside the University of Guelph, please contact the DVM Admission Counsellor at admisions@uoguelph.ca to ensure the courses you select at your university meet the prerequisite requirements for the DVM program.

Entrance Information and Requirements

• Completion of a minimum of two years full-time of academic requirements, including at least two years of full-time study in academic, vocational/technical, or post-secondary education.
• Completion of a full-time undergraduate program in sciences.
• Two years of full-time study in the biological sciences.
• Two years of full-time study in the social sciences.
• Two years of full-time study in the humanities.

For detailed information on the academic and non-academic requirements, please visit: ovu.uoguelph.ca

For more FAQs, please visit: ovu.uoguelph.ca

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

Careers choices of Veterinarians in Canada:

• Clinical careers 75%
• Non-clinical careers 25%
• Research, teaching and academia 5%
• Industry 6%
• Government 10%
• Large animal 9%
• Companion animal 45%

Government 10%
Industry 6%
Research, teaching and academia 5%
Other 4%

I love the number of opportunities outside of class that I can get involved in as a veterinary medicine student. There are lots of clubs affiliated with OVC that allow me to practice important skills. For example, the Surgery Club allows students to participate in suturing, stitching, and other required medical procedures. For more information about the DVM program, or to organize a tour, please email ovc.uoguelph.ca

For more information about the DVM program, or to organize a tour, please email ovc.uoguelph.ca

ovc.uoguelph.ca
The University of Guelph’s associate diploma programs have an applied and practical focus on learning the latest industry technology in a specific field. Leading-edge faculty and instructors bring unique content expertise and industry experience to students through classroom lectures, labs and exposure to groundbreaking research. These programs are usually two years (four semesters) and often include an industry work placement for hands-on experience and learning.

**Guelph Campus**

**ASSOCIATE DIPLOMA IN TURFGRASS MANAGEMENT**

Turfgrass Management is a dynamic and growing sector. Launch your career in golf course management, municipal parks operations, soil production, and turfgrass management supply and sales, with an Associate Diploma in Turfgrass Management. Utilize the extensive facilities of the campus and the Guelph Turfgrass Institute. Combine practical and scientific study with hands-on learning, field trips and a summer internship. Graduates are in high demand. Approach your learning hands-on, with support from U of G faculty and industry professionals, to become a knowledgeable, self-reliant and competitive contributor to the growing turfgrass industry, and enjoy a successful career with global opportunities.

**Sample Careers:**
- Sports field manager
- Consultant
- Golf course superintendent
- Lawn care specialist
- Sod production manager
- 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.

**Transfer Opportunities**

Transfer opportunities to degree programs are available for Associate Diploma in Turfgrass Management students with a cumulative average of 70% or higher. You may qualify for acceptance into a degree program with advanced standing.

**Sample First Year Courses**

- The Turf Industry
- Turf Management
- Turf Environmental Management
- Turf Soil Principles
- Turf Irrigation
- Landscape Design
- Landscape Plants
- Agriculture
- Human Biology
- Turf Communication Skills
- Turf Equiment
- Computer and Math for Turf

**Ridgetown Campus**

**ASSOCIATE DIPLOMA IN AGRICULTURE**

Develop your skills through an applied associate diploma at our Ridgetown campus. Benefit from the University of Guelph’s world-renowned reputation in agri-food research while you study in one of our two-year diploma programs:

**ASSOCIATE DIPLOMA IN ENVIRONMENTAL MANAGEMENT**

**ASSOCIATE DIPLOMA IN EQUINE CARE AND MANAGEMENT**

**ASSOCIATE DIPLOMA IN HORTICULTURE**

**ASSOCIATE DIPLOMA IN VETERINARY TECHNOLOGY**

**Transfer from Ridgetown to Guelph**

Transfer opportunities to the University of Guelph main campus from the Ridgetown Campus are available to diploma students with a cumulative average of 70% or higher. You may qualify for acceptance into the B.Sc. (Agr.), B.Comm. (Food and Agricultural Business), BBRM (Equine Management or Environmental Management) or other degree program. As well, these degree programs may award diploma graduates advanced standing based on diploma courses completed with a 75% average. Students from the Associate Diploma in Agriculture transferring into the B.Sc. (Agr.) will require 4U Chemistry and 4U Advanced Functions.

**As part of this diploma I was expected to complete an internship at either a golf course or turf facility between semesters. My career goal is to become a golf course superintendent, so I decided to do my internship at a golf course. To me this was the best part of the program — I was able to apply knowledge from my first semester in a hands-on role and it allowed me to build my professional network. Because of this experience I can step into the industry feeling confident.**

Wissam El Masri
Diploma in Turfgrass Management
High School: Sedbergh School, Sedbergh, UK
Involvement: Golf course internship at The Royal Montreal Golf Club, Ile Bizard, Quebec
A first of its kind! For 17 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

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 part of 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 75–79.9%, 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, 2020 to be considered for all rounds of admission. Transfer and international students should visit guelphhumber.ca/futurestudents for specific application deadlines.

Scholarships
• All Canadian high school applicants with an admission average starting at 75% are automatically considered for a Renewable Entrance Scholarship, with first-year award levels ranging from $2,000 to $5,000.
• The Founders’ Academic Merit Scholarship is an entrance scholarship awarded to ten outstanding students who have high academic achievement and superior leadership ability and potential. Each recipient is eligible to receive $5,000 per academic year over four years of full-time study, for a total of $20,000. Application required.

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 + Diplom in Policing 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
• Cultural 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 across 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

Bachelor of Arts

<table>
<thead>
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<th>Majors</th>
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<th>Ontario High School Requirements</th>
<th>Estimated Cut-off Ranges</th>
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<tr>
<td>Biology</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
<tr>
<td>History and Political Science</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
<tr>
<td>Political Science</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
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</tr>
<tr>
<td>Philosophy</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
<tr>
<td>Psychology</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
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<tr>
<td>Sociology</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
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<tr>
<td>English Literature</td>
<td>Additional 2 courses</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
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Notes
- Estimated cut-off ranges are based on the admission averages from previous years and are provided merely 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. Group averages will offer context to the estimated cut-off ranges.
- Applicants are required to complete a Background Information Form (BIF). See page 77 for more details.
- No of 4th year courses with respect to biology, chemistry, and physics are required for admission. Completion of all three is recommended. Applicants who lack either biology, chemistry, or physics are recommended.
- Graduates from ACCHS are eligible to apply with the completion of all three courses in the social, physical and performing arts. Completion of all three is recommended. Applicants who lack either biology, chemistry, or physics (i.e., biology, chemistry, and physics) are not recommended.
- Additional courses are strongly recommended for all applicants.

Bachelor of Arts in International Development Studies

- Bachelor of Arts
- English Literature

Bachelor of Science in Agriculture

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<td>Animal Biology</td>
<td>1 Math course</td>
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<td>Environmental Science</td>
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<td>Environmental Management</td>
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<td>Crop Culture and Turfgrass Sciences</td>
<td>Additional 2 courses</td>
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- Additional courses are strongly recommended for all applicants.

Bachelor of Science in Environmental Sciences

- Bachelor of Science
- English Literature

Bachelor of Science in Environmental Sciences

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<td>Environmental Economics and Policy</td>
<td>Additional 2 courses</td>
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Bachelor of Science in Environmental Sciences

- Bachelor of Science
- English Literature

Bachelor of Science in Environmental Sciences

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- Additional courses are strongly recommended for all applicants.

Bachelor of Science in Environmental Sciences

- Bachelor of Science
- English Literature

Bachelor of Science in Environmental Sciences

<table>
<thead>
<tr>
<th>Majors</th>
<th>Required Courses</th>
<th>Ontario High School Requirements</th>
<th>Estimated Cut-off Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Science</td>
<td>1 Math course</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>Additional 2 courses</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
<tr>
<td>Environmental Economics and Policy</td>
<td>Additional 2 courses</td>
<td>ENG4U, MCV4U, MHF4U, or MCF3M</td>
<td>75–78% for all sciences; completion of all three</td>
</tr>
</tbody>
</table>

Notes
- Estimated cut-off ranges are based on the admission averages from previous years and are provided merely 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. Group averages will offer context to the estimated cut-off ranges.
- Applicants are required to complete a Background Information Form (BIF). See page 77 for more details.
- No of 4th year courses with respect to biology, chemistry, and physics are required for admission. Completion of all three is recommended. Applicants who lack either biology, chemistry, or physics (i.e., biology, chemistry, and physics) are not recommended.
- Additional courses are strongly recommended for all applicants.
<table>
<thead>
<tr>
<th>Ontario Course</th>
<th>British Columbia, Yukon</th>
<th>Manitoba</th>
<th>New Brunswick</th>
<th>Newfoundland and Labrador</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements</strong></td>
<td>Grade 12 diploma, including 5 courses numbered 30 or 31, including required subjects</td>
<td>Grade 12, including 5 acceptable academic Grade 12 courses, including required subjects</td>
<td>Grade 12 diploma, including 8 academic courses numbered 30 to 32, including required subjects</td>
<td>Grade 12 diploma, including 5 academic courses numbered 120, 121, or 122, including required subjects</td>
</tr>
<tr>
<td><strong>English (ENG4U)</strong></td>
<td>English 30 – 1</td>
<td>English 12</td>
<td>English Language Arts 40S</td>
<td>English 121</td>
</tr>
<tr>
<td></td>
<td>English 12</td>
<td>English 2</td>
<td>English 122</td>
<td>English 12</td>
</tr>
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<td></td>
<td>English 30-1</td>
<td>English 12</td>
<td>English 122</td>
<td>English 12</td>
</tr>
<tr>
<td><strong>Biology (SBI4U)</strong></td>
<td>Biology 12</td>
<td>Biology 12</td>
<td>Biology 121</td>
<td>Biology 12</td>
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<td></td>
<td>OR</td>
<td>OR</td>
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<td>OR</td>
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<tr>
<td></td>
<td>Anatomy and Physiology 12</td>
<td>Anatomy and Physiology 12</td>
<td>Anatomy and Physiology 12</td>
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<td></td>
<td>Biology 12</td>
<td>Biology 12</td>
<td>Biology 12</td>
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<tr>
<td><strong>Chemistry (SCH4U)</strong></td>
<td>Chemistry 12</td>
<td>Chemistry 12</td>
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<td></td>
<td>Chemistry 3201</td>
<td>Chemistry 3201</td>
<td>Chemistry 3201</td>
<td>Chemistry 3201</td>
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<tr>
<td><strong>Physics (PHI4U)</strong></td>
<td>Physics 12</td>
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<td>OR</td>
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<tr>
<td></td>
<td>Physics 1202</td>
<td>Physics 1202</td>
<td>Physics 1202</td>
<td>Physics 1202</td>
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<tr>
<td><strong>Calculus and Vectors (MCV4U)</strong></td>
<td>Calculus 12</td>
<td>Calculus 12</td>
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<td></td>
<td>Calculus B30</td>
<td>Calculus B30</td>
<td>Calculus B30</td>
<td>Calculus B30</td>
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<tr>
<td><strong>Advanced Functions (MHF4U)</strong></td>
<td>Pre-Calculus 12</td>
<td>Pre-Calculus 12</td>
<td>Pre-Calculus 12</td>
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<td>Pre-Calculus 12</td>
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<td></td>
<td>Algebra 12</td>
<td>Algebra 12</td>
<td>Algebra 12</td>
<td>Algebra 12</td>
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</tbody>
</table>

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 high school.

How to Apply to U of G:
Apply using the 105 application available online at the Ontario Universities’ Application Centre (OUAC) ouac.on.ca.

Application Dates: October 2019 – applications are available.

January 15, 2020 – the official application deadline 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: Please have your high school forward official transcripts showing completed Grade 11 and 12 courses, and all program choices that includes all in-province and completed grade 11 and 12 courses to Admission Services at the University of Guelph as soon as possible, but no later than October 15, 2019.

British Columbia:
While British Columbia has automatic electronic submission of grades, students will arrive in time for our admission decisions. Please forward your official transcripts to our office no later than April 15, 2020 so that we can consider your application for a conditional offer of admission. Admission requirements for students from other Canadian provinces and territories can be found in the National Equivalency chart on pages 72 and 73.

How to Accept Your Offer:
June 1, 2020 – the deadline to accept your offer of admission through the OUAC.

The residence application and $750 deposit are due on June 1, 2020. Information on how to apply to residence will be included in your offer package and available online at 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.

Application Dates: October 2019 – applications are available.

January 10, 2020 – the application deadline 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: Please have your guidance counsellor/administrator email admission@uoguelph.ca in support of your application. Submit your grades as soon as possible. Please visit admission.uoguelph.ca/canadian/homeschool for details.

How to Accept Your Offer:
June 1, 2020 – the deadline to accept your offer of admission through the OUAC.

The residence application and $750 deposit are due on June 1, 2020. Information on how to apply to residence will be included in your offer package and available online at 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. Normally, mature student applicants must present a minimum of three required 4U/M subjects (as listed in the requirements chart on pages 70 and 71), have been granted a secondary school diploma, and have not attempted post-secondary studies. For more information, see admission.uoguelph.ca/maturestudent.

Application Dates: October 2019 – applications are available.

January 10, 2020 – the application deadline if you wish to be considered for early 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: Please have your guidance counsellor/administrator email admission@uoguelph.ca in support of your application. Submit your grades as soon as possible. Please visit admission.uoguelph.ca/canadian/homeschool for details.

How to Accept Your Offer:
June 1, 2020 – the deadline to accept your offer of admission through the OUAC.

The residence application and $750 deposit are due on June 1, 2020. Information on how to apply to residence will be included in your offer package and available online at housing.uoguelph.ca.
I am currently or was previously registered at a college or university (transfer student). ... 

How to Apply U of G: 

Apply using the 105 application available online at the Ontario Universities’ Application Centre (OUAC) at ouac.on.ca. 

Application Dates for Fall: 

March 1, 2020 — the application deadline. Some application dates vary by program. Please visit admission.uoguelph.ca/admission.dates for details. 

Application Fees: 

The application fee is $156 payable to the OUAC for your 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, 2020 — the document deadline. As a transfer student, to be considered for admission, all of your official secondary and postsecondary documents must be submitted in a sealed envelope from the issuing institution or accreditation body in their official sealed envelope or from 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. 

How to Accept Your Offer: 

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

Transfer Credits: 

If you have previously enrolled in credit courses outside of Canada, you must present your complete academic record to the University of Guelph to be considered for early offers of admission. 

International Applicants: 

If you apply to the BLA program, you are required to apply with the Common Application at applyonline.canada.ca. 

Application Dates: 

February 15, 2020 — the official application deadline. 
February 17, 2020 — the deadline for early consideration. 
March 2, 2020 — the final deadline. Official documents should come directly from the issuing institution or accreditation body in their official sealed envelope or from wes.org. Official 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: 

Applicants who have completed 60 or more credits at an accredited institution outside of Canada must apply using the 105 application available online at the Ontario Universities’ Application Centre (OUAC) at ouac.on.ca. 

How to Accept Your Offer: 

June 1, 2020 — the deadline to accept your offer of admission. 

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. This form is considered along with your admission application. Please contact Student Accessibility Services early to discuss your needs and academic background.
HOW TO APPLY

To a maximum of 2.00 credits, for grades of 5 or above. Mathematics curriculum and how the new curriculum will be converted to Ontario 3U and 4U courses. Information on 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, 50 Stone Road East, Guelph, ON N1G 2W1.

Admission Services,
50 Stone Road East, Guelph, ON N1G 2W1

Applicants who have completed Advanced Level of the English Language Certificate (ALEC), the Cambridge English: C1 Advanced and C2 Proficiency (CAE and CPE) or the International English Language Proficiency System (IELTS) (levels 9 and 10) is also considered an acceptable form of testing for English proficiency. Guelph, given space in co-op can be limited. The Integrated Admission Pathway allows you to start taking university degree courses immediately. The combination of English language courses and selected degree-grade 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 pursuits every term.

• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)

Canadian Academic English (CAE) and Integrated Admission Pathway (IAP) opened at uoguelph.ca/english-Language-Programs Begin your University of Guelph admission process while you study English. The Integrated Admission Pathway allows you to start taking university degree courses immediately. The combination of English language courses and selected degree-grade 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 pursuits every term.

What if I want to change the program I applied to after admission? You can amend your application. The deadline date to amend your application in order to be considered equally for admission to all programs is April 15, 2020. To be considered for early admission, you should apply by January 15, 2020. Applications open in October 2019. How do I apply to co-op? The minimum cut-off required for the co-operative education programs is normally a minimum of 85%. Exact cut-offs are determined on the basis of the quantity and quality of applications received and the number of places available in the program, and normally exceed the estimated cut-off for co-op. If you are not admissible to the program to which you have applied, there are a few programs where we will consider you automatically for an alternate program. They are:

• Applicants who do not possess the admission average for Criminal Justice and Public Policy will automatically be considered for Bachelor of Arts, Honours, Major to be determined.
• Applicants who do not possess the admission average for Bachelor of Science, Animal Biology, Bio-Medical Science, or Human Kinetics will automatically be considered for Bachelor of Science, Biological Science major.

• Bachelor of Arts (Economics)
• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)

or more than 21 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 the program; for 2020 admission, the cut-off is normally exceeded the estimated cut-off for co-op. If you are not admissible to the program to which you have applied, there are a few programs where we will consider you automatically for an alternate program. They are:

• Applicants who do not possess the admission average for Bachelor of Science, Animal Biology, Bio-Medical Science, or Human Kinetics will automatically be considered for Bachelor of Science, Biological Science major.

• Bachelor of Arts (Economics)
• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)

or more than 21 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 the program; for 2020 admission, the cut-off is normally exceeded the estimated cut-off for co-op. If you are not admissible to the program to which you have applied, there are a few programs where we will consider you automatically for an alternate program. They are:

• Applicants who do not possess the admission average for Bachelor of Science, Animal Biology, Bio-Medical Science, or Human Kinetics will automatically be considered for Bachelor of Science, Biological Science major.

• Bachelor of Arts (Economics)
• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)

or more than 21 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 the program; for 2020 admission, the cut-off is normally exceeded the estimated cut-off for co-op. If you are not admissible to the program to which you have applied, there are a few programs where we will consider you automatically for an alternate program. They are:

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• Bachelor of Arts (Economics)
• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)

or more than 21 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 the program; for 2020 admission, the cut-off is normally exceeded the estimated cut-off for co-op. If you are not admissible to the program to which you have applied, there are a few programs where we will consider you automatically for an alternate program. They are:

• Applicants who do not possess the admission average for Bachelor of Science, Animal Biology, Bio-Medical Science, or Human Kinetics will automatically be considered for Bachelor of Science, Biological Science major.

• Bachelor of Arts (Economics)
• Bachelor of Science (Mathematical Science)
• Bachelor of Commerce
• Bachelor of Arts (Economics)
Timing of Offers

How We Calculate Your Admission Average

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.

Estimated Cut-offs

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.

Offer Dates

Late January to February
- We use your top six completed 4U/M (or equivalent) courses, including required subjects, to calculate your admission average. Should no 4U/M courses be completed, your top six completed courses (including required subjects) will be used.
- If this is the first time you are making an application, we will use your top six completed courses (including required subjects) for college applications.

Early March to mid-April
- We use your top six completed 4U/M (or equivalent) courses, including required subjects, to calculate your admission average.
- We also use your top five 3U/M completed courses (including required subjects) to calculate your admission average.

Late April to mid-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 documents have been received. Should no 4U/M courses be completed, your top six completed courses (including required subjects) will be used.
- If this is the first time you are making an application, we will use your top six completed courses (including required subjects) for college applications.

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.

All programs are typically completed in four years of full-time study and often focus on a particular discipline, e.g., Honours Bachelor of Science (in Biochemistry), Honour Bachelor of Arts (in Classical Studies).

A general degree is typically completed in three years of full-time study and often focuses on 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.guelph.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), Applied Human Nutrition (B.A.Sc.), and Landscape Architecture (B.L.A.). 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 exclusively out of our Ridgetown campus.

A graduate degree is typically completed in three years or more of full-time study and often involves a more generalized or broadly defined study area. To view a list of graduate study options, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.

An honours degree typically involves a more focused study area. To view a list of majors that are offered as Honours degrees, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.

An internationally recognized degree typically involves the completion of a thesis.

An associate diploma is typically completed in three years or more of full-time study and often involves a more focused study area. To view a list of programs that are offered as an Associate Diploma, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.

A graduate degree is typically completed in three years or more of full-time study and often involves a more focused study area. To view a list of programs that are offered as a Graduate degree, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.

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.

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A graduate degree is typically completed in three years or more of full-time study and often involves a more focused study area. To view a list of programs that are offered as a Graduate degree, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.

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.

All programs are typically completed in four years of full-time study and often focus on a particular discipline, e.g., Honours Bachelor of Science (in Biochemistry), Honour Bachelor of Arts (in Classical Studies).

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A graduate degree is typically completed in three years or more of full-time study and often involves a more focused study area. To view a list of programs that are offered as a Graduate degree, please visit the Undergraduate Calendar at admission.guelph.ca/degrees.
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 student-centred accounting unit 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 awarded dollars in scholarships and bursaries each year in scholarships and bursaries.

Helping You Finance Your Education

Work Study

Our Work Study program creates part-time, on-campus employment for students with financial need. It allows you to work on campus to earn money, and gain work experience. You can apply for this program by visiting the Student Financial Services website (above).

Part-time Jobs

As a student at U of G, you can apply to one of more than 4,500 part-time, on-campus jobs. Whether you’re serving up a latte in one of our many on-campus cafés, helping our 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 offers part-time, full-time, summer research assistantship opportunities to undergraduate students with demonstrated financial need. Students gain research experience, work with U of G faculty, and further their insight into their field of study while earning at least $15/hr. These positions begin in May and typically last for 16 weeks, working 35 hours each week. The application process begins in late December each year.

In-Course Bursaries

Sometimes it’s hard to meet all of your financial obligations, and we know that you may have financial difficulties while completing your degree. If you have a financial shortfall, a medical expense that isn’t covered by any insurance plan or government assistance, or an emergency, a University of Guelph in-course bursary may be the answer. We’ll be happy to meet with you and find a way to help.

The Ontario Student Assistance Program (OSAP)

Students Financial Services at U of G administers the Ontario Student Assistance Program (OSAP) for our students from Ontario. We will be pleased to help you with any questions you may have about the program or the application itself. The applications for OSAP are available on the OSAP website (www.osap.gov.on.ca). Loans are interest free while you’re in full-time studies, and repayment starts six months after you leave full-time studies. Students from other Canadian provinces can apply through their home province’s government assistance. Visit your provincial/territorial government’s website for detailed information.

International Student Financial Support

We offer international students a range of financial options based on both academic merit and financial need.

International Scholarships

International scholarships are awarded based on demonstrated financial need.

International Financial Aid

International financial aid is not required to apply.

Scholarships

Scholarships range from merit-based, need-based, and performance-based. They are a great way to help you cover the cost of your education. We encourage you to apply for as many scholarships as you qualify for.

ON-CADEMICS

You can search for all the scholarships we offer to help you pay for university. Visit uoguelph.ca/registration/ugawards for details.

Scholarships

In 2018/2019, we awarded $24.1 million to 8,435 undergraduate students, including $12.3 million to 5,540 need-based awards to 5,530 students.

Scholarships for Canada’s Best and Brightest Future Leaders

12 scholarships worth $42,000 each.


Learn more about scholarships.

President’s Scholarships

We have eight President’s Scholarships that recognize students entering with a minimum 30% admission average who have made significant leadership contributions to their schools and communities.

Chancellors’ Scholarships

Our Chancellors’ Scholarships are in honour of our current and past University Chancellors. Every year, two scholarships recognize students entering with a minimum 90% admission average, who have made significant leadership contributions to their schools and communities, and have demonstrated an interest in arts and culture, or international relations and development.

Lincoln Alexander Chancellor’s Scholarships

Two of these scholarships are given each year to recognize students entering with a minimum 80% admission average who have made significant leadership contributions to their school and communities. In addition, students must be one of the following: Aboriginal, in relation with a disability, and/or a racialized person.

Board of Governors’ Scholarships

25 awards of $25,000 payable over four years for students with demonstrated financial need.

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 for details.

Accessibility Bursaries

- 200 awards of $14,000 per year over four years of study are given to students with demonstrated financial need.

- $5,000.00 in one or three $1,500 per year in years two, three, and four.

- Apply by completing the Financial Need Assessment Form for Entrance Awards.

- Deadline April 15, 2020—no 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.

- Deadline April 15, 2020—no offer of admission is not required to apply.

If you are eligible for scholarships and/or bursaries, you will receive offers of admission with a note before the deadline to accept your offer of admission. You must accept your offer of admission before the deadline to be considered for a scholarship and/or bursary. If you do not accept your offer of admission before the deadline, you will lose your eligibility to receive these financial awards.

Visit uoguelph.ca/registration/ugawards for more information.
How much will it cost?
Tuition, residence, meal plans

Example Total/Year

<table>
<thead>
<tr>
<th>Fee</th>
<th>Cost Per Year Including Textbook Plan</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time tuition (2.00 credits or more)</td>
<td>$6,091 – $11,286</td>
<td>Dependent on academic program of study.</td>
</tr>
<tr>
<td>Compulsory fees</td>
<td>$1,209</td>
<td>Includes health and dental plans (students can opt out of these plans if they can prove equivalent coverage).</td>
</tr>
<tr>
<td>Optional fees</td>
<td>$220 – $350</td>
<td>Dependent on academic program of study. Optional fees support campus groups and student programs.</td>
</tr>
</tbody>
</table>

Room Type | Campus Area | Fees (Fall and Winter Semesters) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>North and South</td>
<td>$6,091</td>
</tr>
<tr>
<td>Single</td>
<td>East Residence</td>
<td>$7,783</td>
</tr>
<tr>
<td>Single</td>
<td>Lamtonin Suite (2 or 3 bedroom suite)</td>
<td>$7,783</td>
</tr>
<tr>
<td>Single</td>
<td>East Village 4-5 bedroom townhouse</td>
<td>$6,230</td>
</tr>
<tr>
<td>Double</td>
<td>North and South</td>
<td>$6,389</td>
</tr>
<tr>
<td>Double</td>
<td>Johnston Hall</td>
<td>$6,472</td>
</tr>
<tr>
<td>Double</td>
<td>East Residence</td>
<td>$6,915</td>
</tr>
<tr>
<td>Quad</td>
<td>North and South</td>
<td>$6,870</td>
</tr>
</tbody>
</table>

Fee Cost (two semesters) Notes

- Full-time undergraduate tuition for international students ranges between $24,300 and $33,551 per year.
- Co-op students pay an additional $270 per semester.
- These estimates are based on 2019/2020 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.

On-Campus Meal Plan Type | Cost Per Year | Cost Per Year Including Textbook Plan |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>$5,150</td>
<td>$6,150</td>
</tr>
<tr>
<td>Light</td>
<td>$5,640</td>
<td>$6,640</td>
</tr>
<tr>
<td>Full</td>
<td>$6,355</td>
<td>$7,355</td>
</tr>
<tr>
<td>Plus</td>
<td>$6,870</td>
<td>$7,870</td>
</tr>
</tbody>
</table>

- You receive half of your Food Dollars at the beginning of September and the other half half-cost December.
- Payments are made in two installments.
- If you run out of meal plan dollars, it’s easy to top up and if you have meal plan dollars left over at the end of the term, you can transfer it to an off-campus meal plan for next year.

Meal Plan Fees

Meal Plan Fees

Full-time tuition $6,091
Compulsory fees $1,209
Personal budget $2,200
Full meal plan including textbook plan $6,355
Estimated Cost of Attendance $22,274

8584
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
• Chancellor’s Scholarships
• Lincoln Alexander 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 78 to 79)
• Registrar’s International Bursary Application deadline date
• 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

April 23
• 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

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 2020 entry

IMPORTANT DATES
Connect with us

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

Admission Services website
admission.uoguelph.ca

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

Follow and add us, #futuregryphon

UofGAdmission
UofGAdmission
UofGAdmission
UofGAdmission
UofGAdmission

Snapchat chats
admission.uoguelph.ca/chat

These are held on specific dates throughout the year on topics ranging from admission to academics and residence.

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 and click Sign-up. You can customize the site for your own interests, receive notices about upcoming events, online chat dates, and other exciting U of G news!

Undergraduate Calendar
uoguelph.ca/undergrad_calendar

The essential student resource for detailed program information, course descriptions, important dates, scholarships, policies, and more.

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Student Services

The following services can be reached by calling the University main phone number or by searching the University’s website.

- Aboriginal Student Advisor
- Accessibility Services
- Admission Services
- Athletics
- Campus Community Police, Fire, and Parking Services
- Campus Tours
- Central Student Association
- Centre for International Programs
- Child Care and Learning Centre
- Computing and Communications Services
- Co-operative Education and Career Services
- Counselling Services
- Diversity and Human Rights Office
- English Language Program (ELP)
- Enrolment Services
- Experiential Learning
- Graduate and Postdoctoral Studies
- Health and Performance Centre
- Health Services
- Hospitality Services
- International Admission
- International Student Advisor
- Library and Learning Commons
- Multi-Faith Resource Team
- Off-Campus Living
- OpenEd – Open Learning and Educational Support
- Student Experience
- Student Financial Services
- Student Housing
- Student Transition Office
- Sustainable Transportation and Parking Services
- Undergraduate Academic Information Centre (UAIC)
- Wellness Education Centre

University of Guelph
50 Stone Road East, Guelph, ON
N1G 2W1
TDD/TTY 1.800.855.0511
519.824.4120
uoguelph.ca
Visit us!

Chances are, once you visit U of G, you’ll choose to stay for four years (or more)! Come for a visit and see for yourself!

Tours

Campus Tours

- September 16 – November 29, 2019
- January 13 – April 3, 2020

Tours are not available on the following dates:
- October 12 through 15, 2019
- February 15 through 23, 2020

To book a campus tour, visit admission.uoguelph.ca/tours or call (519) 824 – 4120 x 58712

Please book a minimum of one week in advance. Additional information regarding parking and tour details can be found at parking.uoguelph.ca

Ontario Veterinary College Tours

To request a tour of the OVC, at least two weeks notice is required. ovc.uoguelph.ca

Fall Events

Fall Preview Day

- Sunday, November 3, 2019

Visit our campus, meet with faculty, staff, and students and learn more about what U of G has to offer. The day will include a walking tour of campus, academic and student life displays, and information sessions on residence, co-op, admission and finances.

To register and for more information, visit admission.uoguelph.ca/events

Science and Engineering Sunday

- Sunday, November 10, 2019

Experience Science and Engineering Sunday at U of G. Take a walking tour of campus and meet with science and engineering faculty members, students, and staff to find out more about:
  - Science and Engineering programs
  - Student clubs and activities
  - Lab and research facilities
  - Student projects
  - Experiential Learning Hub – Co-operative Education
  - Admission and Student Finance

To register and for more information, visit admission.uoguelph.ca/events

Spring Events

March Break Tours

- March 16 – 20, 2020

Tour our beautiful 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 16 – 20, 2020 at 10 a.m. and 1:30 p.m.

To reserve your March Break Tour, visit admission.uoguelph.ca/tours

College Royal

- March 21 and 22, 2020

Our student-run open-house weekend is a great opportunity to enjoy events such as campus tours and chemistry magic shows. collegeroyal.uoguelph.ca

Campus Day

- Sunday March 29, 2020

Join us for a full-day Open House including academic and student service information sessions, academic facilities and campus tours, and opportunities to speak with students, staff and faculty about U of G’s programs and services. To register and for more information, visit admission.uoguelph.ca/events