



Lakehead
UNIVERSITY



Georgian



THE BEST OF BOTH WORLDS

2023 VIEWBOOK

YOUR FUTURE STARTS HERE

The most exciting and transformative journey of your life starts at Lakehead-Georgian.

It's a journey that will shape and define your future.

Immerse yourself in a community that lets you be you – that encourages your ideas, inspires real connections, and empowers you to discover your passion.


Explore innovative ideas and participate in research projects that have real benefits for society.

Learn from highly-qualified instructors and professors that will provide you with foundational learning you can build a future on.

Ultimately, you'll graduate with credentials, skills and experiences that open doors to countless career opportunities.

What are you waiting for? **Your future starts now!**

**97.7% OF
LAKEHEAD
UNIVERSITY
GRADUATES
ARE EMPLOYED
WITHIN TWO
YEARS**

A photograph of a modern building interior, likely a lounge or common area. In the foreground, there is a glass railing overlooking a lower level. Behind the railing, four people are sitting on bright orange armchairs. The background features large glass windows and doors, and the ceiling has exposed ductwork and lights.

**85.8% OF
GEORGIAN COLLEGE
GRADUATES FIND
WORK WITHIN SIX
MONTHS**

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OUR CAMPUSES

Enjoy the vibrant communities of Barrie and Orillia, Ontario, boasting the perfect blend of small town warmth and big-city amenities. These waterfront cities offer a balance of arts, culture, nightlife, four-season outdoor adventure, and academics. After all, there's more to student life than assignments. No matter which campus you attend, you'll experience the same welcoming, student experience-focused community.

The **Georgian Barrie Campus** is a community within a community – a welcoming and safe place to study. With inviting study spaces, multiple dining options, a spacious library, a state-of-the-art gym, and a full roster of helpful student services, you'll find your favourite way to plug into campus life.

The **Lakehead Orillia Campus** offers a variety of programs and all the amenities of a larger campus in a small, welcoming environment. Walking through Simcoe Hall you'll get to know your classmates and become part of something truly different. You'll be able to make yourself at home on our state-of-the-art LEED® (Leadership in Energy and Environmental Design) campus.

EXPLORE OUR CAMPUSES WITH A GUIDED IN-PERSON TOUR



[LakeheadGeorgian.ca/
tours](https://LakeheadGeorgian.ca/tours)

Lakehead
Orillia Campus

30 min from Barrie

Georgian
Barrie Campus

1 hr from Toronto



GET OUT THERE

Step out of the classroom and go beyond books and lectures. At Lakehead-Georgian, learning happens everywhere. Co-operative education, labs, stimulating field courses, and eye-opening international exchanges are just a few of the opportunities that will help you develop valuable skills for the future.

GEORGIAN
COLLEGE IS
CANADA'S ONLY
DESIGNATED
ASHOKA U
CHANGEMAKER
COLLEGE

LAKEHEAD UNIVERSITY IS THE
#2 UNDERGRADUATE RESEARCH
UNIVERSITY IN CANADA



PRACTICAL EXPERIENCE

Hands-on, practical learning experiences are built into Lakehead-Georgian courses – from labs and simulations, to field school and co-op terms working with industry professionals.



RESEARCH OPPORTUNITIES

Work alongside faculty and industry partners on community-engaged research projects that find unique solutions to complex, real-world problems.



GO PLACES

Immerse yourself in a new culture through a study abroad experience in one of more than 15 countries.

**GEORGIAN COLLEGE
IS ONTARIO'S
LEADING CO-OP COLLEGE**

STUDENT PROFILE

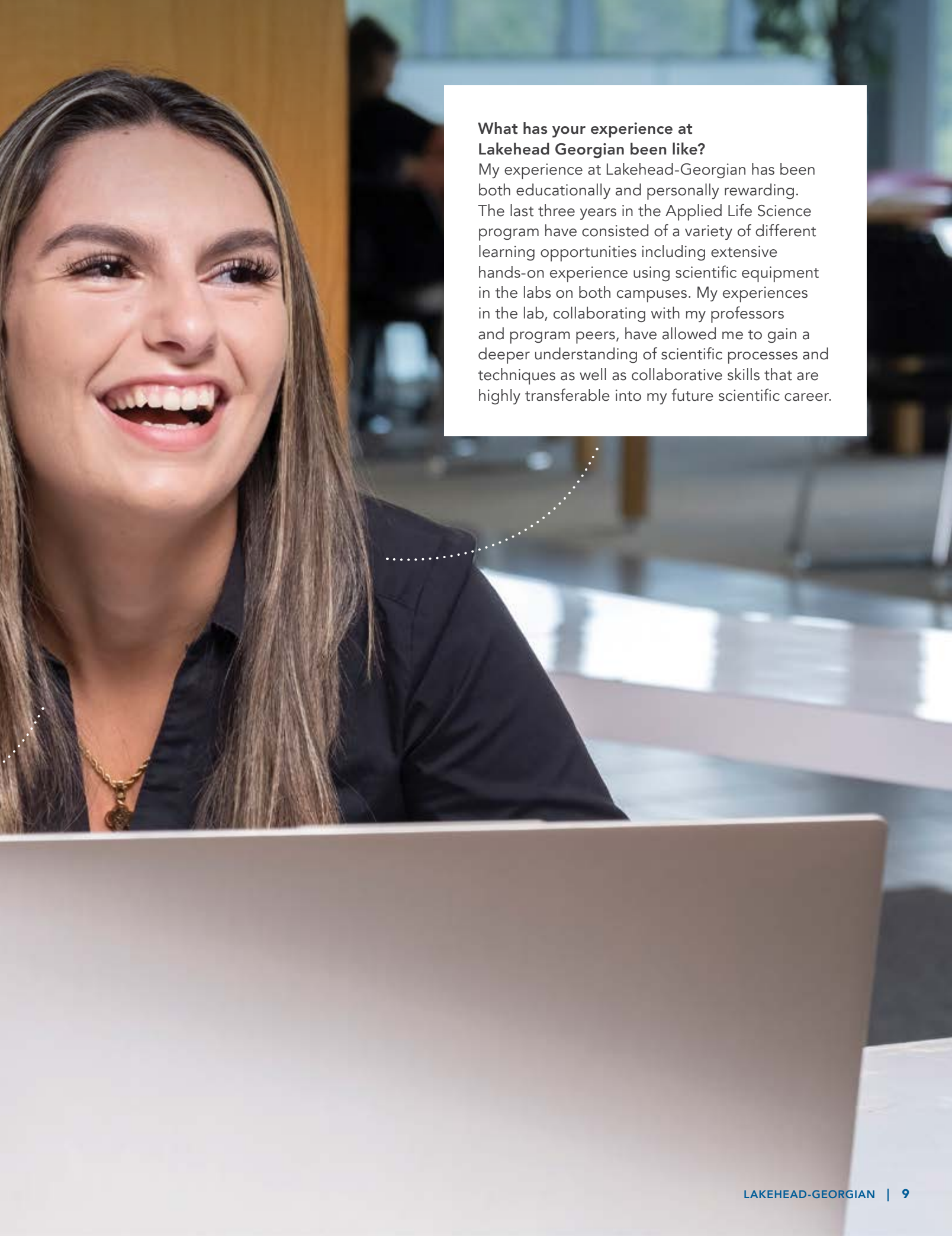
Why did you choose Lakehead-Georgian?

I chose Lakehead-Georgian for a variety of different reasons including the small class sizes, scholarship opportunities, campus infrastructure, research success, and most importantly the versatility of the Applied Life Science program. I was awarded a \$4,000 entrance scholarship and a \$1,250 renewable academic scholarship that I have carried with me to my fourth year. These scholarship opportunities given through the Lakehead-Georgian program gave me a sense of encouragement and recognition for the success of my studies within the program.

Is there a particular class project or assignment that stands out?

One project that was particularly important to me was the polymerase chain reaction (PCR) amplification and Gel electrophoresis of DNA human cheek and hair samples performed in ANTH-3138 (Introduction to Molecular DNA). The project consisted of using several different scientific methods and equipment in an attempt to decipher the nucleotides and base pairs from human DNA. It made me particularly interested in a future career within the genetics field, using biotechnology for diagnosis and research advancement.

MACKENZIE C.
APPLIED LIFE SCIENCES
HOMETOWN: BARRIE, ONTARIO



What has your experience at Lakehead Georgian been like?

My experience at Lakehead-Georgian has been both educationally and personally rewarding. The last three years in the Applied Life Science program have consisted of a variety of different learning opportunities including extensive hands-on experience using scientific equipment in the labs on both campuses. My experiences in the lab, collaborating with my professors and program peers, have allowed me to gain a deeper understanding of scientific processes and techniques as well as collaborative skills that are highly transferable into my future scientific career.



WE'VE GOT YOUR BACK

At Lakehead-Georgian our number one priority is to ensure your personal and academic growth and success. Through Lakehead University and Georgian College we offer you a wide range of resources that prioritize every dimension of your well-being.



LakeheadGeorgian.ca/
studentservices



LAKEHEAD UNIVERSITY IS RANKED ONE OF **CANADA'S TOP 10** PRIMARILY UNDERGRADUATE UNIVERSITIES

according to Maclean's 2022
University Rankings

Take advantage of **resources like tutoring, academic advising, accessibility services, and Indigenous services** to help you be successful.

Meet new friends and explore your passions by **joining one of 50+ student clubs and groups** at Lakehead-Georgian. Whether you're interested in eSports, movies, politics – there's a club for you.

Healthcare professionals **provide health services right on campus** from dental work and massage therapy, to naturopathic medicine and personalized mental health services.

The Lakehead University Student Union (LUSU) and the Georgian College Students' Association (GCSA) provide a variety of student services and **opportunities to represent and advocate for the student body.**

We promote **equity, diversity and inclusion** in all aspects of your student experience.

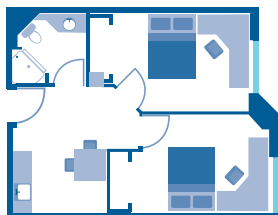
Athletic and recreation programs offer access to individual or group exercise, while intramural, extramural and varsity sports teams provide a bit of competition.

WELCOME HOME

Our on-campus residences offer everything you need to make your experience fun and safe. Imagine rolling out of bed, tossing on your favourite hoodie, and being in class in less than 10 minutes. We thought you might like that. Spend your time being here – not getting here.



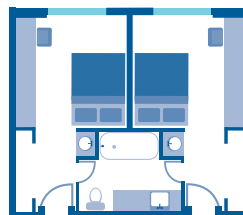
LakeheadGeorgian.ca/housing



BARRIE RESIDENCE

Two single rooms sharing an adjoining washroom and communal living/dining area and kitchen.

Annual cost: **\$7,530***



ORILLIA RESIDENCE

Two single rooms sharing an adjoining washroom.

Annual cost: **\$13,288** (five-day meal plan) or **\$13,828** (seven-day meal plan).

*All prices listed are based on 2022-23 costs. For complete terms and conditions, visit LakeheadGeorgian.ca/housing

HEAD OVER TO
YOUTUBE TO SEE
VIRTUAL TOURS
OF OUR RESIDENCES



STUDENT PROFILE

What has your experience been like so far at Lakehead-Georgian?

My experience so far has been great. I've been able to learn a lot of programming languages and their best practices, as well as build an impressive portfolio for job interviews. The courses are pretty accumulative, so there hasn't been one that felt unnecessary. I'm still using knowledge from my first-year classes, three years later. There have been some tough challenges, but I've found the teachers are always happy to work with me for accommodations or extra help. They are enthusiastic and always make an effort to get to know everyone, thanks to the small class sizes.

Is there a particular class project or assignment that stands out?

There have been a lot of projects that have helped me practice and really solidify everything I've learned. They range from 30-minute exercises to semester-long endeavours. My favourite has been the latter, especially when I get a chance to be creative and include skills from previous courses at the same time. I've designed so many things, from websites to AI predictors, and even a smart beverage coaster. One project that was special to me was a phone app that helped users collect and organize their gardening notes. It was something that I was looking for as an app, and I still have friends and family using it today. It's also been a real hit with job interviewers!

WILANA M.

**COMPUTER SCIENCE
HOMETOWN: ALLISTON, ONTARIO**



Why did you choose Lakehead-Georgian?

I chose this program because it offers a lot of learning experiences in the same four years as a regular degree. I like that it includes the tangible and practical foundation from the college, as well as the analytical, more complex theory from the university. The small class sizes and co-op semester were a bonus. Georgian College is well-known for their co-op program that not only prepares you for the job search and interview process, but also helps you connect with a lot of large companies and organizations. I really liked the idea of not only gaining work experience, but also building connections to make the post-grad job search easier.

**COMPETITIVE
ADMISSION AVERAGE
(MIN.): 75%**

APPLIED LIFE SCIENCE

Degree: Honours Bachelor of Science (Applied Life Sciences with Specialization in Biomedical Techniques) degree with Biotechnology–Health diploma

Location:

Year 1 to 2 – Georgian Barrie
Year 3 to 4 – Lakehead Orillia

OUAC Code: AA

Required 4U courses:

- English (ENG4U)
- Advanced Functions (MHF4U)
- Biology (SBI4U)
- Chemistry (SCH4U)



Allyssa T., fourth-year student
Hometown: Alliston, Ontario

Explore how life works. Our life sciences program teaches you about the chemistry, biology and physiology of diverse forms of life. Through extensive laboratory activities, learn lab techniques and data analysis in a variety of scientific disciplines with emphasis on molecular biology. You'll be positioned for careers such as microbiology or pharmaceutical research, have the option to pursue graduate studies, or use your education as a pathway to professional programs such as medicine, pharmacy, or forensics.

"Having access to both Lakehead University and Georgian College resources is remarkable. This includes career planning, academic support, clubs, and more. The small class sizes make it easier to connect with professors and peers. Having a stronger connection to professors and lab instructors can provide helpful academic and career guidance."



COMPETITIVE
ADMISSION AVERAGE
(MIN.): 70%

COMPUTER SCIENCE

CO-OP*

Degree: Honours Bachelor of Science (Computer Science) degree with Computer Programming diploma

Location:

Year 1 to 2 – Georgian Barrie
Year 3 to 4 – Lakehead Orillia

OUAC Code: AG

Required 4U courses:

- English (ENG4U)
- Advanced Functions (MHF4U)
- One from: Calculus and Vectors (MCV4U), Computer Science (ICS4U), or Data Management (MDM4U)

Design, build and analyze. From hardware to software, computer scientists are solving problems and delivering value in a variety of business, scientific, and social settings. Our integrated program provides you with the opportunity to gain experience working with multiple programming languages and emerging technologies, while providing you with the theoretical knowledge to understand complex computing systems. You'll gain hands-on work experience with a paid co-op work term.



**LakeheadGeorgian.ca/
computerscience**



Tuany V., second-year student
Hometown: Angus, Ontario

"Before entering the program, I had some practical experience with the technology stacks required for workplace programming. After a year of studies with a hands-on curriculum and knowledgeable faculty, I rapidly expanded my skill set and successfully prepared myself for my career in computer science. Our professors teach us how to effectively use the tools around us and how imperative these concepts are when working with real-world applications."

COMPETITIVE
ADMISSION AVERAGE
(MIN.): **75%**

ENVIRONMENTAL SUSTAINABILITY

Degree: Honours Bachelor of Arts and Science (Environmental Sustainability with Specialization in Ecosystem Management) degree and Environmental Technician diploma

Location:

Year 1 to 2 – Georgian Barrie
Year 3 to 4 – Lakehead Orillia

OUAC Code: AP

Required 4U courses:

- English (ENG4U), and
- One credit from Advanced Functions (MHF4U), Calculus and Vectors (MCV4U), or Data Management (MDM4U)



Paula H., second-year student
Hometown: Midland, Ontario

Be the solution. With our focus on ecosystem management you'll learn to navigate today's complex environmental, economic and societal challenges to ensure the long-term viability of our natural ecosystems. Prepare yourself for a successful career in this growing field with our integrated program that blends theory with practical, hands-on lab and field experience.

"It's been amazing to be part of a group that's just as enthusiastic and passionate to learn about the environment as I am. Since there are many different scopes associated with environmental sciences and the intimacy of our class, we've had many intriguing and in-depth conversations regarding sustainability, conservation, environmental concerns, the cycling of energy, legitimacy of information sources, natural resource management, evolution, and policy concerning climate change to name a few."



[LakeheadGeorgian.ca/
environmentalsustainability](https://LakeheadGeorgian.ca/environmentalsustainability)

COMPETITIVE
ADMISSION AVERAGE
(MIN.): **70%**

CO-OP*

Degree: Bachelor of Engineering (Electrical) degree and Electrical Engineering Technology Advanced diploma

Location:
Year 1 to 4 – Georgian Barrie

OUAC Code: AM

Required 4U courses:

- English (ENG4U)
- Advanced Functions (MHF4U) (min. 60%)
- Physics (SPH4U)
- Chemistry (SCH4U)
- Two additional Grade 12 U or M credits; Calculus and Vectors (MCV4U) is strongly recommended; one additional credit in Math, Science or Technological Education at 12 U or M is recommended

ELECTRICAL ENGINEERING



Learn the skills to connect the world with the Internet of Things (IoT) and 5G technology, and design systems for electric vehicles including cars, drones, and ships. Our BEng in Electrical Engineering is Central Ontario's only professional engineering degree program accredited by the Canadian Engineering Accreditation Board. You'll gain hands-on skills and advanced technical knowledge to prepare you to become a professional engineer. An optional 16-month co-op is available.

The Bachelor of Engineering (Electrical) Degree program offered through the Lakehead-Georgian Partnership is accredited by the Canadian Engineering Accreditation Board (CEAB).

Matthew S., fourth-year student
Hometown: Gorrie, Ontario

"I chose Lakehead-Georgian mainly for the fact that I can graduate with both a diploma from Georgian and a degree from Lakehead. One of my teachers once told me that the best engineers must have a good understanding of both theory as well as hands-on technical skills. Theory on its own is valuable but being able to learn the theory behind how something works and then being able to apply it in the practical world is a combination that is extremely powerful."



**LakeheadGeorgian.ca/
electricalengineering**



**engineerscanada
ingénieurscanada**

INVEST IN YOUR FUTURE

Your education is one of the most important investments you'll make. Take a closer look at the various funding opportunities available to you.

HOW TO CALCULATE YOUR EXPENSES

These are estimated expenses for two terms. To come up with a realistic budget estimate for you, research your expenses at LakeheadGeorgian.ca/financialaid.

Tuition*	\$6,000
Activity Fees	\$1,000
Books and Supplies	\$1,000
Residence Fees	\$7,440 to \$13,634
Entertainment and Personal Expenses	\$1,500
Transportation	\$1,000
Living at Home	\$0

TOTAL

\$10,500 - \$24,134

- *Approximate domestic tuition.
- All amounts are based on 2022-23 costs and are subject to change.
- Your costs may increase or decrease based on your personal lifestyle.
- Your costs will increase if you're an international student.

OUR INVESTMENT IN YOU

Lakehead Entrance Scholarship

We automatically assess you for an entrance scholarship when you apply to Lakehead-Georgian from high school. These scholarships are based on your final grades and require no application.

FINAL ADMISSION AVERAGE	SCHOLARSHIP
95.0% or higher	Free tuition ¹
90.0% - 94.9%	\$10,000 (\$2,500 x 4 years) ²
85.0% - 89.9%	\$5,000 (\$1,250 x 4 years) ²
80.0% - 84.9%	\$3,000 (\$750 x 4 years) ²

¹ Free tuition is provided if a student received an offer of \$4,000 in May and they maintained their average at least with a 95.0% average in the top six U or M final course marks. If the student's average drops below 95% and they received a Round 1 offer of \$4,000, they will receive a \$4,000 renewable entrance scholarship. The \$4,000 and free tuition scholarships are renewable provided a 90% average is achieved in each academic year. If a student's academic average falls between 80.0% - 89.9%, the student will receive an amended scholarship valued at \$2,500 per year for each subsequent academic year for the remaining term of the scholarship.

² Renewable provided an 80% average is achieved in each academic year.

Awards, scholarships and bursaries

You have the opportunity to apply for awards, bursaries and scholarships – separate from your entrance scholarship – through both Lakehead University and Georgian College. Whether you're in your first year, in your graduating year, or in between, access to this support from both partner institutions doubles your opportunity for financial assistance.

Learn more about all available awards at
LakeheadGeorgian.ca/financialaid

MORE THAN
\$11-MILLION IN
SCHOLARSHIPS,
BURSARIES AND
AWARDS TO
LUGC STUDENTS



MORE WAYS TO PAY FOR YOUR EDUCATION

Ontario Student Assistance Program (OSAP)

Loan and grant programs such as OSAP and other provincial programs are also an option for Canadian Citizens, Permanent Residents, or Protected Persons.

External award opportunities

Outside of Lakehead-Georgian, there are many organizations and businesses who provide awards, scholarships and bursaries to postsecondary students.

Find out more at
LakeheadGeorgian.ca/financialaid

APPLYING TO LAKEHEAD-GEORGIAN

1

SELECT A PROGRAM

Visit **LakeheadGeorgian.ca** to review our programs and select the one that best fits your passion and interests.

2

REVIEW ADMISSION CRITERIA

Check to ensure you have the necessary grades and prerequisite courses for the program you selected.

3

APPLY ONLINE

Go to the Ontario Universities Application Centre (OUAC) at **ouac.on.ca** to complete your application.

APPLICANT TYPE	APPLICATION FORM & DEADLINES
Current Ontario high school student	https://www.ouac.on.ca/ouac-101/ January 12, 2023
Canadian high school applicants outside of Ontario	https://www.ouac.on.ca/ouac-105/ March 1, 2023
Canadian university or college graduate and/or transfer student	https://www.ouac.on.ca/ouac-105/ March 1, 2023
International applicant	https://www.ouac.on.ca/ouac-105/ March 1, 2023
Mature student	https://www.ouac.on.ca/ouac-105/ March 1, 2023

Applicants using the 105 form will be required to submit transcripts to:

Lakehead University
Enrolment Services - Undergraduate Admissions
955 Oliver Road
Thunder Bay, ON P7B 5E1
Canada

Final official transcripts may also be submitted electronically to **docs.admission@lakeheadu.ca** from the issuing institution.

Other documents may also be required.

4

CHECK YOUR APPLICATION STATUS

Through myPortal you can easily check the status of your application and see which documents are required for submission.

5

ACCEPT YOUR OFFER

Congratulations on being admitted to Lakehead-Georgian! Please read through our Offer of Admission carefully. Your offer will indicate which program(s) you have received admissions to, along with important dates and information.



HERE ARE WAYS TO EXPLORE LIFE AT LAKEHEAD-GEORGIAN

EXPLORE

our campuses with a in-person tour.

LakeheadGeorgian.ca/tours

CONNECT

with a LUGC recruiter.

LakeheadGeorgian.ca/connect

ATTEND

a future student event.

LakeheadGeorgian.ca/events

SIGN UP

to receive our emails.

LakeheadGeorgian.ca/maillinglist

WHAT ARE YOU WAITING FOR?

Visit **LakeheadGeorgian.ca**

BARRIE CAMPUS

One Georgian Dr.
Barrie, Ontario
L4M 3X9

ORILLIA CAMPUS

500 University Ave,
Orillia, Ontario
L3V 0B9

CONTACT US

705-330-4010, ext. 2027
recruit@lakeheadgeorgian.ca



Lakehead
UNIVERSITY



Georgian