

EXCEPTIONAL. UNCONVENTIONAL.

FAR FROM ORDINARY



Lakehead
UNIVERSITY

2023 VIEWBOOK



OPEN YOUR WORLD

Lakehead University is no ordinary place.

From the moment you step foot onto either of our campuses in Thunder Bay or Orillia, you will experience a personal education where you matter and can play a bigger role.

Our highly acclaimed, world-renowned faculty and researchers will know you by name and truly care about your academic growth and success.

Our rigorous academic programs will allow you to thrive in a way that challenges and teaches you how to think, not what to think.

Lakehead offers you learning opportunities that expand beyond the classroom and into our local communities, labs, the workplace, and to locations all over the world. Experience hands-on learning to develop knowledge and skills for your university years and beyond graduation.



65+ PROGRAMS

100% EXPERIENTIAL LEARNING

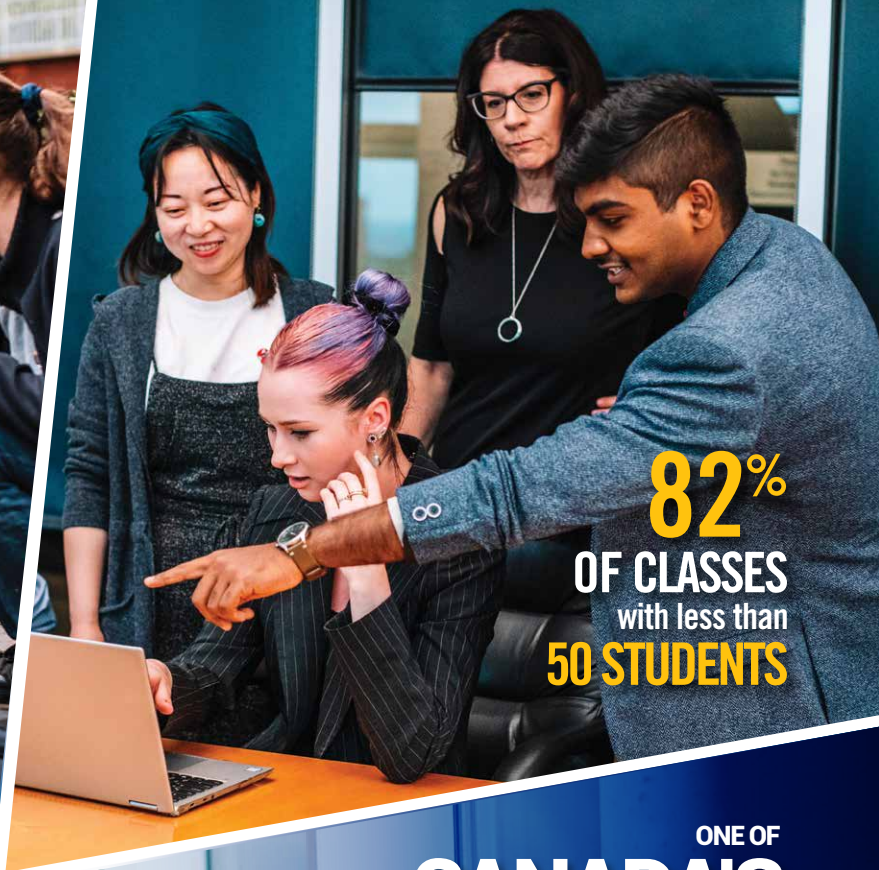
8,500+
STUDENTS

69,058
ALUMNI

97.7%
EMPLOYED
within 2 years of
GRADUATION
above the Ontario average of 95.6%



#1 IN CANADA FOR NOT-FOR-PROFIT
RESEARCH INCOME
(RESEARCH Infosource 2021, Undergraduate Category)



82%
OF CLASSES
with less than
50 STUDENTS



ONE OF
CANADA'S
TOP 10
UNIVERSITIES

(Primarily Undergraduate, Maclean's 2014 - 2016, 2018 - 2021)

TOP 5% IN THE WORLD
(Times Higher Education
Global Impact Rankings 2022)

2ND IN CANADA & ONTARIO
PRIMARILY **UNDERGRADUATE** UNIVERSITIES
(Times Higher Education Global Impact Rankings 2022)

\$11 MILLION
IN SCHOLARSHIPS
& BURSARIES

GUARANTEED
RESIDENCE } **FOR**
HIGH SCHOOL
STUDENTS

WE ACKNOWLEDGE

Lakehead University respectfully acknowledges its campuses are located on the traditional lands of Indigenous Peoples.

Lakehead Thunder Bay is located on the traditional lands of the Fort William First Nation, Signatory to the Robinson Superior Treaty of 1850. Lakehead Orillia is located on the traditional territory of the Anishinaabeg. The Anishinaabeg include the Ojibwe, Odawa, and Pottawatomi nations, collectively known as the Three Fires Confederacy.

Lakehead University acknowledges the history that many nations hold in the areas around our campuses, and is committed to a relationship with First Nations, Métis, and Inuit Peoples based on the principles of mutual trust, respect, reciprocity, and collaboration in the spirit of reconciliation.



Welcome to Lakehead University, where you are empowered to seek the one-of-a-kind education that supports your unique academic journeys, and will prepare you to make a positive change in the world.

With a focus on high calibre research and education in our unique Northern and Central Ontario locations and natural lab environments, Lakehead University is anything but ordinary.

Home to some of the brightest academic minds supporting innovative research opportunities as early as your first year, our small class sizes will connect you with faculty members who prioritize your needs – teaching you how to think, not what to think.

We are proud for being recognized by the Times Higher Education Impact Rankings as the number one university in the world with fewer than 10,000 students for our leading work in areas of poverty, inequality, climate change, environmental sustainability, peace, and justice.

Preparing for your future at Lakehead University opens your world to the endless possibilities of an exceptional and unconventional education. We extend learning opportunities outside our classrooms, in our local communities, in our world-renowned labs, in the workplace, and to locations around the world. Our global family of over 69,000 alumni say that their education at Lakehead prepared them for exceptional opportunities.

At Lakehead, we celebrate the many cultures and nations that bring diversity of knowledge and understanding, equity of access, and promote the cultural vibrancy and impact of our University.

We look forward to supporting you along your unique journey to achieve your dreams.

Welcome to Lakehead,

Dr. Moira McPherson
President & Vice Chancellor, Lakehead University



THUNDER BAY ONTARIO



ORILLIA ONTARIO

Explore Lakehead

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STUDENT LIFE

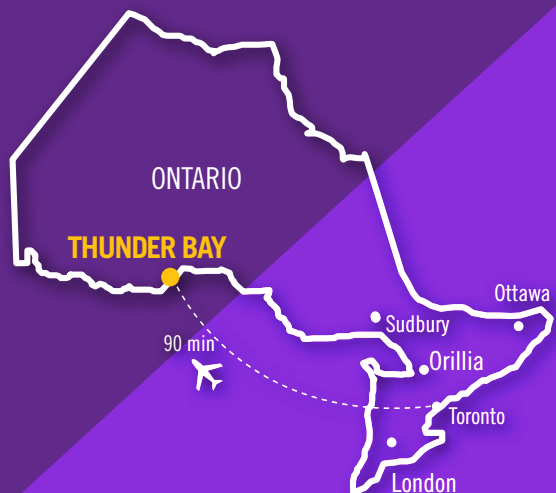
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LAKEHEAD THUNDER BAY CAMPUS

Situated in the **heart** of the City of **Thunder Bay**, the **campus** is **anything but typical**.

Surrounded by green space and clear blue waters with buildings conveniently situated together on over 100 hectares of land, Lakehead provides a true campus feel.

Underground tunnels connect many of the main, centralized buildings on campus, allowing for easy access between classes, labs and facilities. Paved trails weave through campus, making it the perfect place to take in the beauty of the campus as you unwind by hiking, jogging, skateboarding, bike riding, or cross-country skiing.



GETTING TO KNOW OUR CAMPUS

- 1 Experience hands-on research in our modern labs as early as first year
- 2 Immersive and technology-enabled classrooms
- 3 Athletic, recreation and wellness facilities
- 4 3 libraries, Learning Commons, study rooms and Makerspace
- 5 State-of-the-art research and innovation labs
- 6 Cozy student lounges and study spaces
- 7 Friendly and helpful student services and supports
- 8 Canada's largest university restaurant/pub

...and so much more.



Tour our campus!



HOMETOWN: CITY OF THUNDER BAY

Situated in the heart of Canada on the north shore of Lake Superior, Thunder Bay is the largest urban centre between Winnipeg and Toronto. Experience the best of Canada with a dynamic city life along with the most breathtaking natural backdrop. You will find it difficult to imagine a more beautiful and natural place to live and learn.

Thunder Bay offers an unbeatable quality of life with some of the shortest commute times - you can get anywhere within 15 minutes. From live theatre, festivals and concerts to shopping, great nightlife and a vibrant arts and culture scene, there is something for everyone. Outdoor enthusiasts, get ready! Thunder Bay has unlimited outdoor activities to enjoy in all four seasons.

Near campus, Thunder Bay has hospitals and clinics, daycares and schools, churches and places of worship, malls, supermarkets and stores, as well as community groups and supports.

www.thunderbay.ca

HOME OF THE SLEEPING GIANT

ONE OF CANADA'S 7 WONDERS

Campus Facts

6,500
STUDENTS

STUDENT TO FACULTY
15:1 RATIO

1 LAKE+ RIVER
RUNNING THROUGH CAMPUS

65+
PROGRAMS

100+
HECTARES
OF CAMPUS SPACE

Hometown Facts

113,200
POPULATION

7 SHOPPING
DISTRICTS

20+ ANNUAL
CITY FESTIVALS

3 MAJOR AIRLINES
THUNDER BAY AIRPORT
AIR CANADA, WEST JET & PORTER

200+ RESTAURANTS
FEATURING FOODS FROM
AROUND THE WORLD

305 DAYS OF
SUNSHINE
PER YEAR



LAKEHEAD ORILLIA CAMPUS

Less than a
90-minute
DRIVE
from
Toronto

As part of a **modern**
and **growing** campus, you will
play an **important role** in shaping **student life**.

Less than a 90-minute drive from Toronto, you will benefit from the full Lakehead experience at the Orillia Campus, located within the heart of Ontario's Lake Country. **With a welcoming atmosphere, innovative programs and a small, friendly community, it is one of the greatest places to learn in the country.**

Walking through Simcoe Hall or the Heritage Place, you will know your classmates and become part of something truly different. You will be able to make yourself at home in a state-of-the-art campus.

ONTARIO

Sudbury

Ottawa

ORILLIA

Barrie

London

Toronto (90 mins)

GETTING TO KNOW OUR CAMPUS

- 1 Open, airy Orsi Family Learning Commons and Harvie Legacy Library
- 2 Dining hall with meal plan and everyday dining options
- 3 Friendly Welcome Centre and well-stocked Bookstore
- 4 Sophisticated laboratories
- 5 Guaranteed modern residence accommodations
- 6 Bright and comfortable study and lounge spaces
- 7 State-of-the-art classrooms, computer labs and study spaces
- 8 Friendly and helpful student services and supports

...and so much more.



Tour our campus!



HOMETOWN: ORILLIA

Nestled on the shores of Lake Couchiching and Lake Simcoe, the City of Orillia is a vibrant city with over 31,000 people. Orillia has all the amenities of a large urban centre, with small-town charm that offers year-round opportunities for arts, culture, recreation, and music.

Surrounded by beautiful open spaces, you can easily clear your mind from studying by hopping on your bike, taking a walk, or going for a run on one of the many trails in and around the City. Once in the downtown area, you will find yourself wandering through the Farmers' Market and specialty shops, stopping in at a local bakery, or simply relaxing in one of the waterfront parks.

Several cafés, restaurants, movie theatres and locally-owned treasures make for excellent social spots to get together with friends after class. The neighbourhood surrounding campus is a growth area, with new housing developments, convenient shopping, and new coffee shops and restaurants steadily emerging.

www.orillia.ca

Orillia Waterfront

Photo: Loop Media

Campus Facts

1,800
STUDENTS

STUDENT TO FACULTY
13:1 RATIO



ENVIRONMENTALLY
DESIGNED AND CERTIFIED CAMPUS (LEED)

229 SINGLE ROOM
RESIDENCE COMPLEX

2 CAMPUS LOCATIONS
UNIVERSITY AVENUE
AND HERITAGE PLACE

Hometown Facts

33,400+
POPULATION

101+
RESTAURANTS

200+ km
WALKING & BIKING
TRAILS

20-MINUTE
DRIVE FROM
BARRIE

GATEWAY TO
COTTAGE
COUNTRY





FLEXIBLE & CUSTOMIZABLE PROGRAM OPTIONS

Lakehead University is a fully comprehensive university with over 65 programs to choose from. Whether you are interested in the arts, sciences or professional programs such as Business, Engineering, Forestry or Nursing, we have it all.

UNIVERSITY LINGO EXPLAINED

You may be familiar with some university lingo by now, but if you are still wondering, here are some common terms used that will be helpful as you explore program options.

What is a(n)...?

Undergraduate Degree - It is the first university credential you will be awarded upon graduation.

Honours - A 4-year undergraduate degree with specialized and/or intensive courses at the 4th year level. Completion of a thesis or research-focused courses is normally a requirement of an Honours program.

Bachelors - A 3- or 4-year undergraduate degree that consists of a minimum of 15 or 20 full course equivalents, respectively.

Major - A program involving one primary focus of study (e.g. English or Biology).

Double Major - A program involving two focuses of study (e.g. History & Political Science).

Concentration - A defined collection of courses that is embedded into, and complements, an Honours or Bachelor's 4-year Program.

Double Degree - Two undergraduate degrees from two different degree types that are completed at the same time and meet all the requirements for both degrees (e.g. Outdoor Recreation & Geography).

Credit - The measurement unit for a course that indicates its relative weight within a program.

If you have multiple interests and want to keep options open, you can consider a:

Minor - An optional collection of courses from a particular area of study that is different from your program and/or major.

Specialization - A defined collection of courses taken from a particular or variety of disciplines that complements the major.

Certificate - A professional or an applied focus that provides learning outcomes that are distinct from your program. Explore certificates in Geomatics, Business Information Technology, Public History, Environmental Sustainability, and more, including:

► Entrepreneurship Certificate

This program is open to non-business students enrolled in any degree program at Lakehead, and features a series of courses designed to improve the competence of individuals in setting up and running their own business.

► French Proficiency Certificate

The Department of Languages offers a Certificate in French Proficiency at three levels: Basic, Intermediate, and Advanced for students wishing to learn or be recognized for their French proficiency who are not taking a French Major or Minor.

Navigating Your Options

Lakehead offers full-time and part-time studies leading to degrees, diplomas and certificates. Whether you decide to study on campus, online or a combination of both, you will be surrounded by supportive and engaging faculty that will ensure you are well prepared to make an impact on the world.

Depending on your program of study, you may be able to pursue majors, double majors, minors, concentrations and more allowing you to further enhance your degree and customize it based on your interests and future career path.

POLITICAL SCIENCE

Major

You can graduate after 4 years and upon successful completion of the program requirements. For example, if you choose to study Political Science, you will graduate after 4 years with a degree with a major in Political Science.

BIOLOGY

CHEMISTRY

Double Major

This is a three or four-year program involving two closely related disciplines. You will take enough courses to fulfill requirements to receive both Majors listed on your degree upon graduation.

SOCIAL WORK

GENDER AND WOMEN'S STUDIES

Concentration

While you take courses within a main area of study (your major) you will also take a pre-defined selection of courses that complement your major. For example, you can earn a concentration in Gender and Women's Studies while you complete your Social Work degree.

GEOMATICS

Certificate

A professional or applied focus that provides learning outcomes that are distinct from your program. A complete list of Certificate Programs can be found within Lakehead University's Academic Calendar.

CRIMINOLOGY

PSYCH

Major/Minor

While your main area of study is your major, you may choose to focus on another area of interest. A minor is an optional collection of courses from an area of study that differs from your major or program. For example, you may major in Criminology, but take enough elective courses in Psychology to declare a minor.

OUTDOOR RECREATION

GENDER AND WOMEN'S STUDIES

Double Degree

You will graduate and receive two undergraduate degrees from two different areas of study. Courses are completed at the same time, and in conjunction, and you will meet requirements for both degree programs. For example, while studying Outdoor Recreation, you can take the required courses to graduate with both an Outdoor Recreation and Gender and Women's Studies Degree.

ENGLISH

FRENCH

EDUCATION

Concurrent Education

While you take courses in your Major and Minor areas of study, you will also be taking Teacher Education courses and completing student teaching placements at the same time. Additionally, you will have two "professional years" after you complete your Undergraduate degree that focus specifically on Teacher Education and feature over 100 days of Student Teaching.

FIND YOUR PROGRAM & ADMISSION REQUIREMENTS


















































	Programs	Prerequisite Requirements	Co-op	Concurrent Education	Campus	OUAC Program Code
BUSINESS	Commerce (Majors: Accounting, Business Economics, Finance, General Management, Human Resources/Industrial Relations, Business Analytics and Information Systems, International Business, Marketing)	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management. Applicants without Grade 12 U Math may be considered for admission but will be required to take a prescribed course as a first-year elective.	•		T	AE
	Commerce (Business Administration, Global Entrepreneurship)		•		O	
EDUCATION	Concurrent Education - Primary/Junior	Refer to the Specific Major Requirements		•	T O	AK
	Concurrent Education - Intermediate/Senior			•	T	AL
	Indigenous Teacher Education - Intermediate/Senior	English			T	AL
	Consecutive Education - Primary/Junior	Minimum 70% average on final 10 undergraduate degree-level FCEs.			T O	A10/A12
	Consecutive Education - Intermediate/Senior	Minimum 70% average on final 10 undergraduate degree-level FCEs. Two teaching subjects: 5 FCEs in first, and 3 FCEs in second.			T O	A30/A32
ENGINEERING <small>*Joint Engineering and MBA option available</small>	Chemical*	English, Advanced Functions with a minimum grade of 60%, Chemistry, Physics. Calculus & Vectors is strongly recommended. An additional Math, Science or Technological Education course is also recommended.	•		T	AM
	Civil*		•		T	
	Electrical*		•		T	
	Electrical (Georgian Partnership Program)		•		LG	
	Mechanical*	Students who complete Ontario Grade 12 U Calculus & Vectors, with a minimum mark of 60%, will be exempted from MATH 1071 - Vectors and Matrices.	•		T	
	Mechatronics*		•		T	
	Software*		•		T	
	Common Year in Applied Science	Grade 11 U or M Math, Grade 11 U or 12 C Chemistry, Grade 11 U or 12 C English, Grade 11 U or 12 C Physics			T	
HEALTH & BEHAVIOURAL SCIENCES	Kinesiology	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management; 2 from Biology, Chemistry, Kinesiology, or Physics. The 5-year accelerated Kinesiology with Concurrent Education program requires a final average of at least 75%.	•	•	T	AAA
	Indigenous Nursing Entry Program (see page 15)				T	
	Nursing (3-year Compressed)	English, Biology, Chemistry, 1 from: Advanced Functions, Calculus & Vectors, or Data Management. An overall average of 80% and a minimum grade of 60% in each prerequisite is required.			T	AAH
	Nursing	English, Biology, Chemistry, 1 from: Advanced Functions, Calculus & Vectors, or Data Management. A minimum grade of 60% in each prerequisite is required.			T	
	Psychology (Arts)	English			T O	AAM
	Psychology (Arts – Specialized Honours)				T	
	Psychology (Specialized Honours with Concentration in Gender and Women's Studies)				T	
	Psychology & Philosophy (Double Major)				T	
	Psychology & Gender and Women's Studies (Double Major)				T	
	Psychology (Science)	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, or Physics			T	
	Psychology (Science – Specialized Honours)				T	
	Social Work	English			T O	AAO
	Social Work with Concentration in Indigenous Learning				T	
	Social Work with Concentration in Gender and Women's Studies				T	
NATURAL RESOURCES MANAGEMENT	Environmental Management	English, 3 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Computer Science, Data Management, Geography*, or Physics. *Only 1 Geography credit may be used.	•		T	AO
	Forestry		•		T	AQ





















































Lakehead University may be a smaller university, but we offer you big opportunities and a comprehensive array of program options. View the chart below to review the admission requirements for the programs that interest you.

For quick reference, you will also see which programs have Co-operative Education and/or a Concurrent Education option, and at which campus the program is offered. The Ontario Universities' Application Centre (OUAC) Program Code for applying is also included.

Unless otherwise noted, all Lakehead University programs require an Ontario Secondary School Diploma; a minimum of 6 Grade 12 U or M courses, including program-specific prerequisite courses; and a minimum overall 70% average based on the best 6 Grade 12 U or M courses. All prerequisite courses listed below refer to the Grade 12 U or M course, unless otherwise noted.

For high school prerequisite requirements by Canadian province, visit admissions.lakeheadu.ca

	Programs	Prerequisite Requirements	Co-op	Concurrent Education	Campus	OUAC Program Code
SOCIAL SCIENCES & HUMANITIES	Criminology	English				AH
	English			•	 	
	English & French (Double Major)	English, French		•		
	English & Gender and Women's Studies (Double Major)					AN
	English & History (Double Major)	English		•	 	
	English & Philosophy (Double Major)					
	French			•		
	French & History (Double Major)	English, French		•		AR
	French & Philosophy (Double Major)					
	Gender and Women's Studies			•		AAS
	General Arts				 	AS
	History			•	 	
	History & Gender and Women's Studies (Double Major)					
	History & Philosophy (Double Major)	English				AX
	History & Political Science (Double Major)					
	History & Sociology (Double Major)					
	Indigenous Learning			•		AY
	Indigenous Learning & Gender and Women's Studies (Double Major)					
	Indigenous Learning & Philosophy (Double Major)					
	Indigenous Transition Year Program (see page 15)					
	Interdisciplinary Studies			•		
	Interdisciplinary Studies with Concentration in Environment in Politics and Culture			•		
	Interdisciplinary Studies with Concentration in Human Nature			•		AZ
	Interdisciplinary Studies with Concentration in International Conflict and Human Rights			•		
	Interdisciplinary Studies with Concentration in Social Justice			•		
	Lakehead Arts One			•		AB
	Media, Film and Communications	English. A portfolio is required for admission consideration.				AAC
	Music	English. An audition and theory entrance test are required for admission consideration.		•		AAD
	Outdoor Recreation, Parks & Tourism			•		
	Outdoor Recreation with Concentration in Nature-Based Therapeutic Recreation					
	Outdoor Recreation & (BA) Gender and Women's Studies (Double Degree)	English				AAI
	Outdoor Recreation & (BA) Geography (Double Degree)			•		
	Outdoor Recreation & (BA) History (Double Degree)					
	Outdoor Recreation & (BSc) Natural Science (Double Degree)	English, 2 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics				
	Philosophy			•		AAJ
	Philosophy & Political Science (Double Major)					
	Political Science (Pre-Law available at  )				 	AAL
	Political Science & Gender and Women's Studies (Double Major)	English				
	Sociology			•	 	AAP
	Sociology & Gender and Women's Studies (Double Major)					
	Visual Arts			•		AAQ

	Programs	Prerequisite Requirements	Co-op	Concurrent Education	Campus	OUAC Program Code
SCIENCE & ENVIRONMENTAL STUDIES	Anthropology (Arts)	English		•	 	ANT
	Anthropology (Arts & Science)			•		
	Anthropology (Science)	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics		•	 	
	Applied Life Sciences	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics			 	AA
	Applied Life Sciences (Georgian Partnership Program)	English, Advanced Functions, Biology, Chemistry. A minimum 75% overall final average is required.				
	Applied Life Sciences with Concentration in Biomedical Sciences	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics				
	Bioinformatics	English, Advanced Functions, Biology, Chemistry				AC
	Biology (Environmental Science)	English, Advanced Functions		•		AD
	Biology	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics		•		
	Biology with Concentration in Animal Sciences					
	Biology with Concentration in Biodiversity and Conservation					
	Biology with Concentration in Neuroscience					
	Biology with Concentration in Plant Sciences					
	Biology & Chemistry (Double Major)	English, Advanced Functions, Chemistry, 1 from: Biology, Calculus & Vectors, Data Management, or Physics		•		AF
	Chemistry	English, Advanced Functions, Chemistry, 1 from: Biology, Calculus & Vectors, Data Management, or Physics		•		
	Chemistry with Concentration in Medical Sciences					
	Computer Science	English, Advanced Functions, 1 from: Calculus & Vectors, Computer Science, or Data Management	•			AG
	Computer Science (Georgian Partnership Program)		•			
	Earth Science (Environmental Science)	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management				AI
	Earth Science (Science)	English, 2 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics	•			
	Economics	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management				AJ
	Economics & Political Science (Double Major)					AJ
	Environmental Sustainability	English	•	•		AP
	Environmental Sustainability with Specialization in Ecosystem Management (Georgian Partnership Program)	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management. An overall average of 75% is required.				AP
	General Science	English, 2 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics			 	AS
	Geoarchaeology					AT
	Geography (Arts)	English		•		AU
	Geography (Arts & Science)			•		
	Geography (Environmental Science)			•		
	Geography (Environmental Studies)	English		•		
	Geography (Science)	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics		•		
	Geology	English, 1 from: Advanced Functions, Calculus & Vectors, or Data Management		•		AV
	Indigenous STEM Access Program (see page 15)					
	Lakehead Science One	English, Advanced Functions, 1 from: Biology, Calculus & Vectors, Chemistry, Computer Science, Data Management, Earth & Space Science, or Physics		•	 	AAN
	Mathematical Physics	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics				AAK
	Mathematics (Arts)	English, Advanced Functions, 1 from: Calculus & Vectors, or Data Management		•		AAB
	Mathematics & Economics (Arts) (Double Major)					
	Mathematics (Science)	English, Advanced Functions, 1 from: Calculus & Vectors, or Data Management; 1 from: Biology, Calculus & Vectors, Chemistry, Data Management, or Physics		•		
	Mathematics & Physics (Science) (Double Major)					AAG
	Natural Sciences	English, 2 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics		•		
	Physics	English, Advanced Functions, 2 from: Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics	•	•		AAK
	Physics with Concentration in Biomedical Physics					
	Resource & Environmental Economics	English, 2 from: Advanced Functions, Calculus & Vectors, Data Management; 1 from: Biology, Chemistry, Earth & Space Science, or Physics				AJ
	Water Resource Science					AAR
	Water Resource Science Specialization in Applied Environmental Water Management	English, 3 from: Advanced Functions, Biology, Calculus & Vectors, Chemistry, Data Management, Earth & Space Science, or Physics				AAR
LAW	Juris Doctor (see page 48)					
MEDICINE	Doctor of Medicine (see page 48)					

ENGLISH LANGUAGE PROFICIENCY

If your first language is not English, and you cannot verify having recently studied in an English language school system for a certain length of time, you will be required to present proof of English language proficiency. Lakehead University accepts the following recognized tests as proof of English language proficiency. Alternatively, you can choose to complete Lakehead University's Academic English Program prior to your undergraduate studies

(some exceptions apply).

Accepted English Language Proficiency Tests and Scores:

Test:	Minimum Required Scores:
CAEL	Minimum Score: 60
Cambridge (C1 Advanced or C2 Proficiency)	Minimum English Score: 176 (no component score less than 169)
DuoLingo English Test	Minimum Score: 110
IELTS	Minimum Score: 6.5 (no individual score less than 6.0)
PTE Academic	Minimum Score: 58 (no component score less than 50)
TOEFL (internet based iBT)	Minimum Score: 80 (no component score less than 19)

Please be advised that some academic units or specialty programs may require a higher score and that meeting the minimum requirements does not guarantee admission to Lakehead University.

INDIGENOUS ACCESS PROGRAMS

These programs are designed for applicants who identify as Indigenous (First Nations, Métis or Inuit) and who do not meet the prerequisites for university entry.

Indigenous Transition Year Program (ITYP)

You may apply as a recent high school graduate or as a mature student who has not completed high school. Offered in-person in Thunder Bay and Zoom synchronously in Orillia.

Indigenous Nursing Entry Program (INEP)

You may apply as a recent high school graduate, mature student or college transfer student. As a prerequisite, applicants must have passed Grade 11 U or 12 C Chemistry within the last five years.

Indigenous STEM Access Program (ISTEM)

You may apply as a recent high school graduate or as a mature student who has not completed high school.

ACADEMIC ENGLISH PROGRAM (AEP)

If you do not meet the English Language Proficiency scores, you will be automatically considered for admission through Lakehead University's Academic English Program (AEP). You will need to successfully complete AEP Level 5 before proceeding into an academic program.

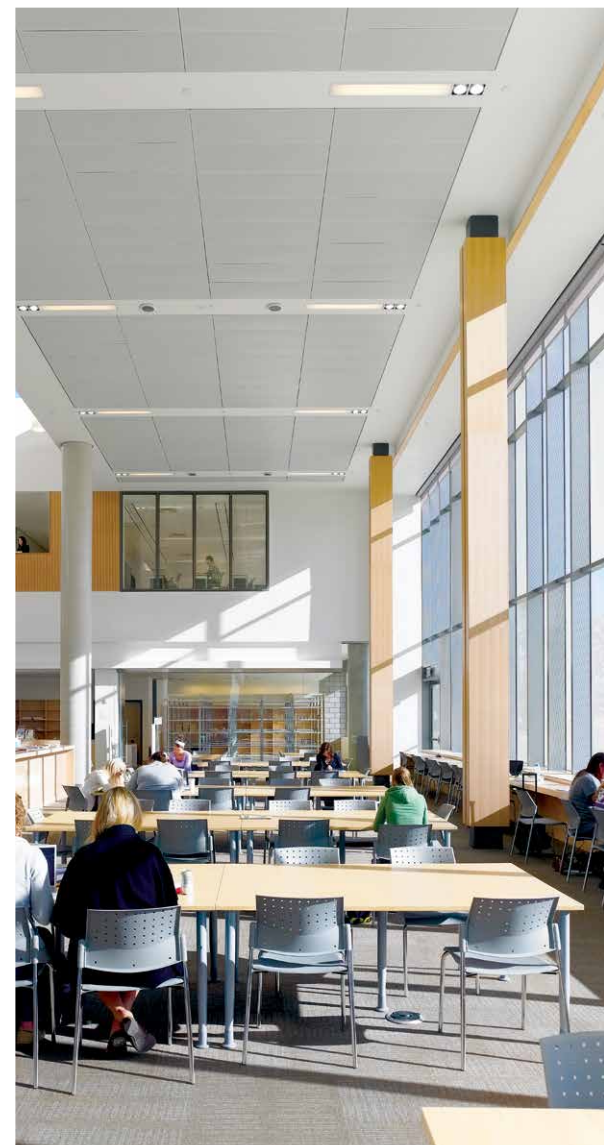
FURTHER YOUR EDUCATION

After completion of one of our undergraduate programs, Lakehead offers a number of graduate programs at both the Masters and PhD levels.

Business	Master of Business Administration (MBA)
	Master of Science Management (MSc.Mgt)
Education	Master of Education in Educational Studies (MEd) or Master of Education in Educational Change (MED)
	Joint Doctor of Philosophy in Educational Studies (PhD)
Engineering	Master of Science in Engineering (Chemical, Civil, Electrical and Computer, Environmental, Mechanical) (MSc)
	Doctor of Philosophy in Engineering (Electrical & Computer, Civil, Mechanical) (PhD)
Health & Behavioural Sciences	Master of Health Sciences (MHS)
	Master of Public Health (MPH)
	Master of Science in Kinesiology (MSc); Master of Science in Psychology - Psychological Science (MSc)
	Master of Arts in Psychology - Clinical Psychology (MA)
	Doctor of Philosophy in Psychology - Clinical (PhD) or Psychological Science (PhD)
	Master of Nursing (pick one of: Nurse Practitioner Specialization or Advance Practice Specialization)
	Master of Social Work (MSW)
Natural Resources Management	Doctor of Philosophy in Health Sciences (PhD)
	Master of Forest Management (MFMgt)
	Master of Science in Forestry (MScF)
Social Sciences & Humanities	Doctor of Philosophy in Forestry (PhD)
	Master of Arts in: English, History, Social Justice, or Sociology (MA)
Science & Environmental Studies	Master of Science in: Archaeological Sciences, Biology, Chemistry, Computer Science, Geology, Mathematical Science, or Physics (MSc)
	Master of Arts in Economics (MA)
	Master of Environmental Studies (MES)
	Doctor of Philosophy in Biotechnology (PhD) or Doctor of Philosophy in Chemistry and Materials Science (PhD)

Please note, certain programs offer a specialization in Gender & Women's Studies

For more information on our graduate program options, visit graduatestudies.lakeheadu.ca





APPLYING TO LAKEHEAD

Applying to Lakehead is an easy process and we're here to help.

Our team of Recruiters and Student Central Professionals are here to support you every step of the way, whether it is to answer questions about program requirements, discuss transfer credits from other institutions or being prepared for upcoming deadlines.

APPLICANT TYPES:

Lakehead University applicants are defined based upon their previous education experience. For each applicant category, admission requirements may vary. It is important that you determine what type of applicant you are to ensure you meet the minimum requirements for admission consideration.

Student Type:	Definition:
HIGH SCHOOL STUDENT	You are currently attending a high school on a full-time basis or have recently graduated (within 2 years), and have not completed any post-secondary studies at another institution. A minimum 70% overall average or equivalent is normally required.
UNIVERSITY TRANSFER STUDENT	You have attended a university and have a minimum overall average of 60% or equivalent in your completed university coursework.
COLLEGE TRANSFER STUDENT	You have attended an accredited community college and have completed a minimum of one year of full-time academic studies since leaving high school with a minimum overall average of 70% or equivalent.
MATURE STUDENT	You are a Canadian citizen or permanent resident who has not been engaged in full-time studies for at least two years. You have never attended a post-secondary institution.
INTERNATIONAL STUDENT	You have last studied at an institution, of any type, outside of Canada.

APPLICANT CHECKLIST

1 FIND YOUR PROGRAM AND CHECK YOUR ADMISSION REQUIREMENTS ☐

With more than 65 programs, Lakehead University offers an exceptional opportunity to pursue your academic goals. Explore our programs starting on page 22. Once you've selected a program, confirm you have the necessary grades and prerequisites. If you are an Ontario high school student, refer to our quick reference chart on page 12-14 or all interested students may visit lakeheadu.ca/admissions to check for your individual program requirements. Be sure you have completed or plan to successfully complete the required admission requirements.

2 APPLY ONLINE ☐

If you are a current high school student studying in Ontario, apply using the Undergrad (101) Application online at ouac.on.ca/ouac-101. To apply, you will need a School Number, Student Number and Temporary PIN, which your Guidance Department will provide to you. Your high school transcript will be automatically sent to us.

For all other applicant types, apply using the Undergrad (105) Application online at ouac.on.ca/ouac-105. You will need to send your transcripts to Lakehead University, Enrolment Services – Undergraduate Admissions in order for your application to be considered.

3 RECEIVE AN ACKNOWLEDGEMENT EMAIL AND ACCESS YOUR MYINFO ACCOUNT ☐

Once you apply, you will receive an important email from Enrolment Services - Undergraduate Admissions with information about setting up your **myPortal** Account, which is your exclusive portal for all important information and communications from Lakehead during the admissions process.

4 CONTINUE TO REVIEW THE STATUS OF YOUR APPLICATION ☐

Please continue to check **your Lakehead email** for updates on criteria and important application due dates. Through **myPortal** you may easily check the status of your application, as well as check to see what documents are required for you to submit. For more info visit: lakeheadu.ca/admissions

Note: If you are an international student, please visit lakeheadu.ca/international

The Senate of Lakehead University reserves the right to change regulations, programs, and admission requirements, as outlined in this Viewbook, without prior notice.

5 APPLY FOR SCHOLARSHIPS AND BURSARIES ☐

Lakehead University offers over \$11 million in scholarships, bursaries & awards.

Our database, **myAwards**, allows you to determine the scholarships, bursaries and awards you are eligible for as a Lakehead University undergraduate student. You can complete your profile and start applying beginning **August 15**. Please continue to check for updates on criteria and important application due dates.

6 APPLY FOR RESIDENCE ☐

Admission to Residence is guaranteed to all high school students **provided they are admitted to Lakehead University by June 1, 2023**.

Residence is an amazing life experience where you will enjoy convenience and safety within a fun and friendly community.

How to Apply for Residence

1. Log into **myPortal**
2. Select 'Residence Services' and 'Apply for Residence'
3. Complete all information and downpayments required

7 ACCEPT YOUR OFFER ☐

If you receive a Letter of Acceptance, congratulations! Your hard work, determination and commitment to your studies has paid off.

Please read through your Offer of Admissions carefully.

Your Offer will indicate which program(s) you have received admissions to, along with important dates and information.

If you have received a conditional offer, you must satisfy those conditions in order to retain your Offer and spot in the program.

All conditions must be successfully met as detailed and by the specific dates. Contact Student Central at studentcentral@lakeheadu.ca with any questions about your Offer of Admission.

We are looking forward to welcoming you as a future Thunderwolf!



UNDERSTANDING THE ADMISSIONS PROCESS

OFFERS OF ADMISSION

Lakehead assesses and extends offers of admission to qualified applicants throughout the entire admissions cycle. It is important that you remain informed about your application by reviewing all Lakehead University correspondence. Any and all conditions outlined in an Offer of Admission letter must be met in order to finalize your admission to Lakehead University.

RELEASE OF OFFERS

For current Ontario high school students, offers are extended in rounds based on available grades.

December — Early Round

March — First Round

May — Second Round

July — Final Round

For all other applicants, offers are extended on a rolling basis to qualified applicants who have completed an application and submitted all supporting documentation. This excludes limited enrolment programs such as: Engineering, Music, Nursing, 1-Year Honours Bachelor of Social Work, 2-Year Bachelor of Education, Visual Arts and Year 3 Honours Bachelor of Social Work. Offers of admission to limited enrolment programs are released in rounds that begin in March.

ALTERNATE OFFERS

Students who do not meet the admission requirements of their program of choice, but who do meet the General Admission Requirements of Lakehead University, will automatically be considered for an alternate program.

SUMMER SCHOOL, NIGHT SCHOOL & CORRESPONDENCE

Lakehead University accepts Grade 12 U or M courses or equivalent taken through summer school, night school, or correspondence. It is the student's responsibility to inform Lakehead University of any courses taken outside of regular high school, and to ensure that final official grades are received no later than **August 11, 2023**.

REPEATED COURSES (HIGH SCHOOL APPLICANTS ONLY)

Lakehead University does not penalize high school students who have repeated courses. The highest Grade 12 U or M grade or equivalent will be used when calculating the admission average.

DEFERRALS

Deferral of admission requests to the next academic year will be considered on a case-by-case basis for full-time studies in open enrolment programs. You may defer an offer of admission only once, if approved.

INTERNATIONAL BACCALAUREATE (IB) AND ADVANCED PLACEMENT (AP)

Applicants presenting the IB Diploma may be considered for advanced standing credit in some higher level (HL) subjects provided a score of five or better has been achieved. Similarly, applicants who have achieved a minimum grade of four on an AP exam may be eligible to receive advanced standing credit.

MAXIMIZE YOUR TRANSFER CREDIT

TRANSFERRING FROM UNIVERSITY OR COLLEGE?

If you are transferring from another university or college, Lakehead's generous transfer credit policies ensure you can maximize your transfer credit to get you one step closer to completing your Lakehead degree in the quickest amount of time possible.

If you are a college transfer applicant, Lakehead has transfer pathway agreements allowing you to move seamlessly from numerous college programs into one of Lakehead's degree programs. We recognize transfer credit for diploma programs whether it has been partially or fully completed.

Learn more at lakeheadu.ca/admissions

Follow the QR code to view or
download our Transfer Guide:



ACADEMIC SUPPORT ACCESS PROGRAM

If your average falls below the published admission requirements, you will automatically be considered for conditional admission through our academic support access program.

This program is geared towards students who successfully meet their program course requirements but whose average does not represent their academic potential. You will be connected with an advisor to determine the next steps of your Lakehead University journey.

Follow the QR code to learn more
about academic support services:





LEARN BEYOND THE CLASSROOM

Enrich your **education** both **inside and outside** the classroom by taking your expertise into our local communities, the lab, the workplace, or even **around the world**.

Learning beyond the classroom is in our nature.

Gain practical, hands-on experience through a variety of experiential learning opportunities available across all our undergraduate programs. The following icons are throughout the Viewbook indicating which programs offer these experiential learning opportunities:



CO-OPERATIVE EDUCATION

With more than 27 co-op programs offered at Lakehead, you will gain hands-on experience while you learn. Alternate your academic studies with periods of work experience, deepening your knowledge, while you earn additional money and build your resume for the future. Lakehead students have worked with over 140 national and international companies through co-op including:

Amazon, Bombardier Aerospace, Bank of Canada, Facebook, IBM, Hydro One, Canadian Securities Intelligence Service, BlackBerry, Boeing, WestJet, and many more.



INTERNSHIPS

Many of our programs include internship opportunities. Translate the concepts and principles learned in the classroom into practical skills in the workplace.

Research internships are great opportunities to enhance your field of study and can often lead to summer or even full-time employment opportunities.



COMMUNITY ENGAGEMENT

Community service learning provides you the opportunity to link your studies with our local communities. Many of our courses allow you to contribute towards helping address critical social issues in our neighbourhoods. From food security and community gardens to fishing policy and wastewater treatment, you will take your knowledge into the community, as well as bring community knowledge back into the university.



UNDERGRADUATE RESEARCH

Lakehead is one of Canada's Top Undergraduate Research Universities. At most universities, the opportunity to get involved in research is unlikely during your undergraduate years. At Lakehead, we encourage our undergraduate students to seek out undergraduate research opportunities. Work alongside a world-renowned researcher, create something new and work towards changing our future.



PRACTICUMS, PLACEMENTS AND FIELD EXPERIENCE

Many of our programs have integrated practicums and placements, or the opportunity for field schools and trips. These experiences can range from six-week clinical placement courses in Nursing or field practice experiences with human service agencies in Social Work, to exploring the ecosystem of a natural, environmentally protected bog in Environmental Sciences.



INTERNATIONAL OPPORTUNITIES

Many programs offer international educational opportunities as a core, or optional, component of the curriculum. International field trips to Iceland for Environmental Management students, Anthropological digs in Tanzania, or Outdoor Recreation expeditions to the Antarctic are some examples of what is possible.

Global ME Program

Immerse yourself in the dynamic culture of another country while completing your degree. During an international exchange, you will remain a Lakehead student and continue to pay your regular Lakehead tuition even though you will be studying in another country!

Broaden your learning and acquire new knowledge in a cultural environment different from your own. You may have the opportunity to learn a new language or refine your current language skills, meet new and interesting people, learn about different cultures, or even gain global competencies to enhance marketability, which will give you a competitive edge when finding employment after graduation.

Study abroad opportunities are available at partner institutions all over the world, including countries such as Australia, Finland, France, Germany, Japan, South Korea, Mexico, Norway, Singapore, the United States, Sweden or the United Kingdom.



FINANCING YOUR EDUCATION

ENTRANCE SCHOLARSHIPS

AUTOMATIC - No scholarship application required. Rewarding exceptional academic performance, we guarantee funding to entering high school students who are Canadian citizens studying at a high school in Canada and who have a minimum 80% average from a recognized Canadian high school curriculum.

Academic Average		Scholarship Total (Value Per Year)	Scholarships Available
95.0% & OVER	=	FREE TUITION (Tuition x 4 years)*	UNLIMITED
90.0% - 94.9%	=	\$10,000 (\$2,500 x 4 years)*	UNLIMITED
85.0% - 89.9%	=	\$5,000 (\$1,250 x 4 years)*	UNLIMITED
80.0% - 84.9%	=	\$3,000 (\$750 x 4 years)*	UNLIMITED



*For complete **terms and conditions**, please visit:
lakeheadu.ca/entrance-awards

PRESIDENTIAL SCHOLARSHIPS

VALUE: UP TO 2 X \$30,000 (\$7,500/YEAR FOR 4 YEARS)

Awarded to outstanding Canadian high school students annually who have achieved a minimum 90% average and have demonstrated leadership qualities and made significant contributions to their high school and their community.

Application Deadline: April 25, 2023

NORTHWESTERN ONTARIO AND SIMCOE COUNTY CITIZENSHIP SCHOLARSHIPS

VALUE: UP TO 10 X \$3,000 (\$3,000/YEAR X 1 YEAR)

Awarded to 10 graduating students from high schools in Northwestern Ontario and Simcoe County who model good citizenship within their high school and community. Minimum 85% average required.

Application Deadline: March 15, 2023

SPECIALIST HIGH SKILLS MAJOR AWARD

VALUE: \$500 AWARD

Available to high school students enrolled in select Specialist High Skills Majors.

Application Deadline: April 15, 2023

VARSITY ENTRANCE ATHLETIC SCHOLARSHIPS

VALUE: UP TO \$4,500

Members of a 2023-24 Lakehead University Varsity team (Thunder Bay campus) are eligible for consideration by the Varsity Coaches.

ALUMNI ENTRANCE AWARD

VALUE: \$2,500 AWARD

Available to students whose parents are an alumni of Lakehead University.

Application Deadline: April 30, 2023

ENTRANCE BURSARIES

Our entrance bursary program provides over \$300,000 annually for students who demonstrate financial need.

DESTINATION LAKEHEAD BURSARY - UP TO \$3,000

Travel Bursary portion of up to \$1000 is based on living distance from the Thunder Bay or Orillia Campus (must be at least 250km away).

Application Deadline:

Round 1 - April 15, 2023 Round 2 - June 30, 2023

MATURE & TRANSFER STUDENT BURSARY - UP TO \$1,000

Available to students transferring from a college or university, or mature students with no previous postsecondary education.

Application Deadline: June 30, 2023

FIRST YEAR SCHOLARSHIP & BURSARY OPTIONS

Additional scholarship and bursary options are available for you right in first year and beyond. Keep an eye out for communication. Don't miss out!

lakeheadu.academicworks.ca

INTERNATIONAL ENTRANCE SCHOLARSHIPS

Non-Canadian citizens who are entering Lakehead University from a high school, or who are transferring from an international college or university, will be considered for the Undergraduate Entrance Scholarships. The scholarship is available to the top international students applying to Lakehead University for 2023-2024. Applicants are automatically considered for the scholarships – no additional scholarship application is required.

Academic Average (Canadian Equivalent)	IB Average	Scholarship Total* (in Canadian dollars)
90.0% +	35+	\$40,000 (\$10,000 x 4 years)*
80.0 - 89.9%	30-34	\$30,000 (\$7,500 x 4 years)*
75.0 - 79.9%	28-29	\$6,000 (\$6,000 in Year 1 only)*



*For complete **terms and conditions**, please visit: lakeheadu.ca/entrance-scholarships-international

Knowing Your Costs

Going to university will be one of the biggest and most important investments you will ever make. Understanding the costs involved and preparing a budget is a must. When thinking about university, remember to consider not just the tuition, but also books and supplies, living expenses as well as personal spending money.

EXPECTED COSTS



TUITION FEES, BOOKS & SUPPLIES

\$7,244 to \$9,061 (Domestic Students)
\$27,295 to \$37,500 (International Students)
(depending on your program)



LIVING EXPENSES

Approximately \$11,000
(depending on on-campus or off-campus living)

EXPECTED RESOURCES



UNIVERSITY STUDENT AID

Entrance Scholarship, Entrance Bursaries,
Fall/Winter Bursaries, Work Study Program



GOVERNMENT STUDENT AID

Government Grants, Government Loans

Visualizing your Budget

Budgeting is an important part of being a university student. A budget will allow you to forecast your resources and expenses for the year, so you can prepare accordingly.

SAMPLE STUDENT

Take a look at this student example to help build your own budget.

Tristan, Petrolia, ON - Criminology, Orillia Campus

- ▶ Grade 12 average: 92%
- ▶ Parental income: \$44,000
- ▶ Living in Residence with meal plan

Tuition Fees, Books & Supplies (\$7,989)		Living Expenses (\$11,000)		Travel & Entertainment (\$1,200)	ESTIMATED EXPENSES (\$20,189)	
Entrance Scholarship (\$2,500)	Entrance/Travel Bursary (\$1,500)	Work Study Program (\$2,000)	Government Grants (\$7,000)	Government Loans (\$6,000)	Personal Contribution (\$3,600)	ESTIMATED RESOURCES (\$22,600)

Note: Values shown above may vary - for illustrative purposes only. Lakehead University reserves the right to make changes without prior notice to the terms, conditions, and award values contained in this publication. Should deadlines fall on a weekend or a statutory holiday, applications will be accepted until the end of the next business day.

CAREER PATHS

- ▶ Accountant
- ▶ Auditor
- ▶ Sales Account Manager
- ▶ Marketing & Communications Specialist
- ▶ Financial Planner
- ▶ Commercial/Investment Banker
- ▶ Financial Consultant/Analyst
- ▶ Human Resource Officer
- ▶ Payroll Specialist
- ▶ Strategic Planner
- ▶ Project Manager
- ▶ Supply Chain & Logistics Coordinator
- ▶ Social Media Consultant
- ▶ Data Analyst
- ▶ IT Specialist
- ▶ Entrepreneur
- ▶ Manager
- ▶ C-Suite Executive
- ▶ Entrepreneur

100%
EMPLOYMENT RATE

Post Graduation

BUSINESS ADMINISTRATION & COMMERCE

Not all **business** schools are created **equal**. We're definitely **not business as usual** at Lakehead.

Whether you have an entrepreneurial spirit, the desire to give back to society, or the drive to become a future CEO,

a business education at Lakehead will prepare you to navigate the increasing complexities of the global business environment.

Our classes link you to the business world with theory and hands-on practical applications. Smaller classes mean you work closely with your professors and build a solid network with your classmates. Case studies and other experiential learning activities allow you to put theory into action and build skills employers are seeking.

📍 Thunder Bay Campus 📍 Orillia Campus

The Lakehead Advantage



Only 6% of business programs worldwide have been accredited by the Association to Advance Collegiate Schools of Business (AACSB) and Lakehead University's Faculty of Business Administration is one of them. This globally-recognized hallmark of excellence guarantees a challenging and relevant curriculum delivered by the most highly-qualified faculty.

The Co-op Advantage

Gain hands-on experience in the business world. With co-op work terms of 4 to 16 months, you will work in a role directly suited to your major while earning a competitive salary. Past students have pursued a co-op in the corporate world, government agencies, not-for-profit organizations, private, and multinational companies. Not only have our students benefited from the incredible experiences co-op afforded them, but many also secured permanent employment with their co-op employers after graduation.



Unique Learning Opportunities

Annually, our students compete in regional and national business competitions providing you with an opportunity to represent Lakehead and put your skills to the test. Students participate in class projects with community organizations to learn real-world applications of their classroom learning.

BUSINESS COMMERCE

Honours Bachelor of Commerce (HBComm);
Major: Accounting, Business Analytics & Information Systems, Business Economics, Finance, General Management, Human Resources Management/Industrial Relations, International Business, Marketing; **Minor:** Accounting, Business Analytics & Information Systems, Finance, Human Resources Management/Industrial Relations, Marketing;
Certificate: Business Information Technology Management, Entrepreneurship Certificate

The first two years of the Honours Bachelor of Commerce program will provide you with a comprehensive understanding of core business disciplines. Incoming students have the option of selecting one of the 8 majors available as early as year one or before entering year three, where you will dig deeper into fields of study and explore a range of advanced courses.

Advanced Studies: Master of Business Administration (MBA); Master of Science in Management (MScMgt); Graduate Diploma in Accounting

Sample Courses: Accounting; Business Communications; Marketing; Economics; Finance; Organizational Behaviour; Business Intelligence; Market Research; Corporate Finance; Law; Sales and Merchandising; Human Resource Management; Business Software Development; Principles of Entrepreneurship; Labour Relations; International Business



BUSINESS COMMERCE

Honours Bachelor of Commerce (HBComm);

Major: Business Administration;

Certificate: Global Entrepreneurship

Your business studies at the Orillia Campus will allow you to tailor your degree to enhance your future career aspirations. While providing you with critical business foundation courses in your first two years, every year you are given the opportunity to select additional business courses or focus on a non-business area. This flexibility gives you a wide range of management career options beyond graduation.

Sample Courses: Business Productivity Software; Principles of Economics; Accounting; Organizational Behaviour; Business Communications; Marketing; Finance; Foundations of Entrepreneurship; Venture Management; Strategic Management Theory



Work-Integrated Learning

You can also apply for the Work Integrated Learning at Lakehead program (supported by RBC Future Launch) to gain practical hands-on work experience to further develop your skills and help you enter the workforce. The program consists of a part-time work placement, along with mentorship and skill-building workshops.



Collin Maronese

HBComm'16
 Regional Sales Manager, Amico Group



"I was so grateful to be accepted at Lakehead. [It] inspired a shift in perspective for me that **empowered** the steps I needed to take as a person to **breakthrough my own barriers**. Lakehead gave me that opportunity. It was the beginning of the first dream I had; to go to University."

Where will your Lakehead degree take you?

105

DAYS OF

Placements

Gain exceptional insight
and on-the-job training

99.1%

EMPLOYMENT RATE

Post Graduation

TEACHER EDUCATION

Leading the way for a **brighter future.**
It's in our roots.

Lakehead has a rich history of training future educators.

Our approach supports the discovery of your own teaching style while exposing you to real world challenges, which allows you to create inspiring educational experiences. This will prepare you to be a leader in a variety of disciplines that shape education, not just in Canada, but around the globe.

📍 Thunder Bay Campus 📍 Orillia Campus

50+ School Board partners for student teaching placements across Ontario

Your Lakehead degree may lead you to be a classroom teacher in your hometown, in another province, in a remote Indigenous community, or internationally. The skills and experience you gain may also lead you to non-traditional educational settings such as adult education, English language schools, training organizations, and children and community development associations.

CAREER PATHS

- ▶ Teacher
- ▶ Principal
- ▶ Director of Education
- ▶ Tutor
- ▶ Second Language Teacher
- ▶ Writer
- ▶ Training & Development Specialist
- ▶ School Counsellor
- ▶ Adult Literacy Teacher
- ▶ Park or Museum Interpreter
- ▶ Grant Writer
- ▶ Athletics Director
- ▶ Youth Worker
- ▶ Curriculum Developer
- ▶ Community Development Officer



ACCELERATE YOUR LEARNING

Did you know you can accelerate your Concurrent Education program by completing a **4-year degree** and the **2-year Education degree** in only **5 years**? Accelerated programs offered include: Biology, Chemistry, English, History, Interdisciplinary Studies and Kinesiology.

CONCURRENT EDUCATION

Bachelor of Education (BEd)

Primary/Junior [T][O], Intermediate/Senior [T]

Earn two degrees at the same time with one of our Concurrent Education programs. You will take courses in both the Faculty of Education and the Faculty offering your program (e.g., Kinesiology in the Faculty of Health & Behavioural Sciences, English in the Faculty of Social Sciences & Humanities) before spending two years exclusively within the Faculty of Education in order to qualify for certification by the Ontario College of Teachers.

Teaching Levels & Subjects: Depending on the program you are concurrently registered in, you will select a teaching level that will enable you to be certified to teach specific grades in the classroom. The following teaching levels are offered:

Primary/Junior: Junior Kindergarten - Grade 6

Intermediate/Senior: Grades 7 – 12

At the Intermediate/Senior teaching level, you will select two compatible teaching subjects from the following options:

- ▶ English
- ▶ Environmental Science
- ▶ First Nations, Métis, and Inuit Studies
- ▶ French (as a Second Language)
- ▶ Geography
- ▶ Health & Physical Education
- ▶ History
- ▶ Indigenous Language (Algonquian: Cree, Ojibwe, and Oji-Cree)
- ▶ Math
- ▶ Music – Instrumental or Vocal
- ▶ Science – General, Biology, Chemistry, Physics
- ▶ Social Sciences – General (2nd teaching subject only)
- ▶ Visual Arts

Unique Learning Opportunities: You will participate in 105 days of student teaching placements over the span of 2 years, with optional international placement opportunities in countries like Scotland, England, St. Maarten and Malaysia, as well as opportunities in remote Indigenous communities. Alternative placement in areas such as culinary arts or special education, or in places such as the Royal Ontario Museum, Science North, or outdoor education centres can also be pursued.



CONSECUTIVE EDUCATION

Bachelor of Education (BEd)

Primary/Junior [T][O], Intermediate/Senior [T][O]*

* Teachables currently available at Orillia Campus include English, Geography, History and Social Sciences – General

Open to applicants with sufficient academic backgrounds who have already completed an undergraduate degree, the Consecutive Bachelor of Education program leads to a recommendation for certification by the Ontario College of Teachers after two successful years of study. Those intending to teach at the secondary level (Intermediate/Senior) must present two teaching subjects.



ELEMENTARY INDIGENOUS EDUCATION

Honours Bachelor of Education (HBEd)

Primary/Junior

This 5-year program will prepare you to become a qualified teacher at the elementary level, with an emphasis on teaching Indigenous children. You will develop a critical understanding of culturally-based education grounded in Indigenous philosophies and traditions. Students will be introduced to innovations in Indigenous education such as Aki-(Earth-)based learning and culturally appropriate pedagogies and assessment.



INTERMEDIATE/SENIOR INDIGENOUS EDUCATION

Bachelor of Education (BA/BEd)

Intermediate/Senior

This concurrent program provides students with the opportunity to pursue a Bachelor of Arts (BA) degree in Indigenous Learning while working toward the Bachelor of Education degree, to teach at the high school level with First Nations, Métis and Inuit Studies as a teaching subject. Over a 5-year period, you will develop professional teaching skills while learning to meet the unique social and cultural needs of Indigenous communities through courses in Indigenous culture and traditions, Indigenous languages, Indigenous cultural production, and the literature of Canada's Indigenous peoples.



INDIGENOUS LANGUAGES PROGRAMS

Indigenous language immersion and revitalization are of critical importance for Indigenous communities and therefore to our Indigenous education programs. Lakehead has a legacy of providing quality language programs to Indigenous communities across Ontario and beyond since the early 1970's. Keeping with this tradition, our Indigenous languages programs are in the process of being redeveloped by integrating new trends and innovations as well as community input. Check our website and social media links for updates.



Shy-Anne Hovorka

BEd, 2003; MEd, 2016
Singer-Songwriter & Teacher



"My time at Lakehead gave me more than just an education: it gave me an opportunity to pursue every passion of mine. The atmosphere of education at Lakehead brought out who I am today."

Where will your Lakehead degree take you?

Unique Engineering Programs.
Earn an **Engineering Degree**
and **Technology Diploma** in **4 Years.**

ENGINEERING

We believe engineering is for everyone - including you.

Lakehead Engineering offers high-quality professional engineering education that's open to everyone.

Lakehead Engineering is the only place in Canada where you will gain an Engineering Technology Diploma in just two years, and then in just two more years you'll get your Bachelor of Engineering (BEng) degree. In only four years you will graduate with both a diploma and a professional degree.

In addition to your diploma and degree, Lakehead Engineering allows you the option to get an MBA at the same time and to undertake a co-op placement for up to 16 months. Even if you don't have all the pre-requisite qualifications, you still have a home at Lakehead Engineering with our one-year Pre-Eng program after which you can enter one of our BEng + Diploma programs.

 **Thunder Bay Campus**

 **Lakehead-Georgian**



BEng + MBA

Lakehead Engineering is the only place in Canada where you can get your MBA (Master of Business Administration) at the same time as your BEng. You'll have the opportunity to gain advanced skills in management, finance, and marketing alongside your engineering education.

You'll start your MBA in the upper years of your engineering program, and then stay for just one more academic year. You'll then graduate with an Engineering Technology Diploma, a Professional Engineering Degree and an MBA. Whether you're looking for a top graduate job or want to create your own start up – with a diploma, a degree, and an MBA in your pocket you'll kickstart your career and stand out from the rest.

BEng + Co-op

Lakehead Engineering offers Co-op as an option with every engineering degree. This gives you the chance to undertake a paid work placement for 4-16 months as an integrated part of your education. Co-op gives you the chance to start your career before you graduate and to earn while you learn. You can work for top employers near our campuses in Thunder Bay and Barrie, and all over North America. We also partner with NGOs, non-profits, and public sector organisations to offer you a wide range of different placements.

CHEMICAL ENGINEERING

Bachelor of Engineering (BEng) - Chemical with Diploma in Chemical Engineering Technology

Learn how to develop renewable fuels and battery technology, and how biotechnology can produce life-saving drugs and medical treatments.

Sample Courses: Hydrocarbon Processes; Material and Energy Balances; Plant Design Economics and Management; Chemical Reactor Design; Air Pollution Control Methods and Analysis; Pulp and Paper Manufacture; Bioprocess Engineering; Mineral Processing

Employers where our Chemical Engineering graduates now work include: Samsung, Canadian Nuclear Laboratories, Health Canada, Algoma Steel, Resolute Forest Products, Aurora Cannabis



CIVIL ENGINEERING

Bachelor of Engineering (BEng) - Civil with Diploma in Civil Engineering Technology

Learn to design and build smart cities, sustainable buildings, and transportation projects such as airports, highways, and high-speed rail.

Sample Courses: Surveying; Highway Design; Steel and Reinforced Concrete Design; Water Supply and Waste Systems; Steel Structures; Wind Engineering; Rock Engineering; Water Resources and Hydropower Development.

Employers where our Civil Engineering graduates now work include: AECOM, Ellis Don, Metrolinx, Canada Pacific Railway, Enbridge, Hatch



ELECTRICAL ENGINEERING

Bachelor of Engineering (BEng) - Electrical with Diploma in Electrical Engineering Technology

Learn the skills to connect the world with IOT and 5G technology, and design systems for electric vehicles including cars, drones, and ships.

Sample Courses: Computer Logic Circuits; Electronic Communications; Electric Machines; Power Electronics; Digital Circuit Design; Electric Power Systems; Digital Signal Processing; Optical Communications

Employers where our Electrical Engineering graduates now work include: Alectra, Cisco, Apple, Microsoft, Siemens, Nav Canada



MECHANICAL ENGINEERING

Bachelor of Engineering (BEng) - Mechanical with Diploma in Mechanical Engineering Technology

Learn to create machines to produce low carbon energy such as wind, geothermal and hydropower, and design cleaner engines for cars and aircraft.

Sample Courses: Industrial Engineering; Machine Design; Dynamics of Machines; Introduction to Robotics; Mechanical Engineering Design; Mechanical Vibrations; Heat Exchanger Design and Thermal Radiation; Combustion and Emissions.

Employers where our Mechanical Engineering graduates now work include: Tesla, Canadian Solar, Honda, Ford, Unilever, Magna



SOFTWARE ENGINEERING

Bachelor of Engineering (BEng) - Mechanical with Diploma in Mechanical Engineering Technology

Learn to design the digital world including mobile apps, operating systems, and games, and explore virtual augmented reality technology.

Sample Courses: Data Management and Information Systems; Object Oriented Graphical User Interface; Software Testing and Quality Assurance; Engineering Economics and Project Management; Software Safety and Security; Digital Signal and Image Processing; Large Scale Data Analytics; Fuzzy Logic Expert Systems

Employers where our Software Engineering graduates now work include: Amazon, Shopify, Google, Deloitte, Facebook, WealthSimple



PRE-ENG

Our Pre-Eng (Common Year of Applied Science) program at Lakehead Engineering provides a one-year pathway for everyone, including applicants without all the admission requirements, to enter any of our BEng engineering programs. If you don't have all the prerequisites and grades - don't worry. The Pre-Eng program is a specially designed intensive preparation year where you'll learn the fundamental skills and knowledge you'll need to begin your BEng degree program.

Every engineering degree program at Lakehead University is accredited by the Canadian Engineering Accreditation Board (CEAB). Graduation from a CEAB accredited program satisfies the academic requirements of the Canadian professional engineering associations.

MECHATRONICS ENGINEERING*

*Pending Approvals

Learn to design computer-controlled electromechanical systems for robotics, medical devices, prosthetics, wearable technology, autonomous vehicles, and next-generation additive manufacturing.

Sample Courses: Engineering Mechanics, Robotics and Automation, Big Data & Cloud Computing, Innovation and Entrepreneurship, Mechatronics Design; Kinematics & Dynamics of Machines; Materials, Manufacturing & Waste; Computer Hardware & Software Systems.



All Bachelor of Engineering degree programs offered at Lakehead University are accredited by The Canadian Engineering Accreditation Board (CEAB).

EXCEPTIONAL ALUMNI,
UNCONVENTIONAL CAREERS



Joe Saliba

BEng (Electrical) '06
Founder, JHS Consulting



"Lakehead's hands-on and student focused approach to education gave me a head start when beginning my career, allowing me to fast track the founding of my own Engineering Consulting firm in Vancouver."

Where will your Lakehead degree take you?

Two Lakehead Engineering students were selected this year for the **Canada-Africa Innovation Fellowship** established by **Engineers Without Borders**.



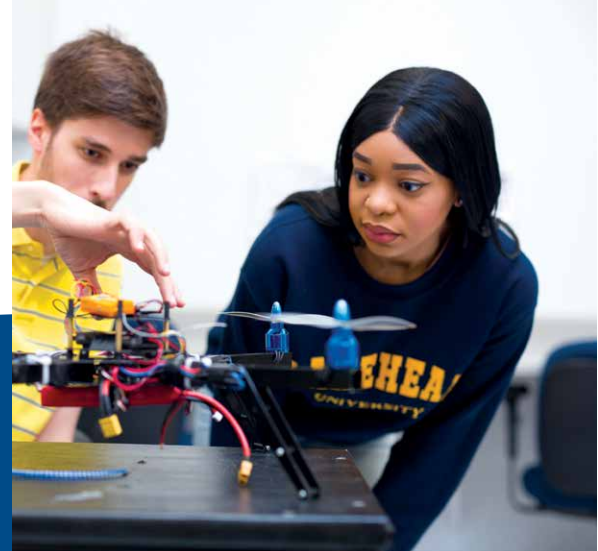
Out of over 100 applications, Lakehead Engineering students Annang Ibrahim and Wade Treslove were awarded this prestigious fellowship.

Annang is a third year Mechanical Engineering student at our Thunder Bay campus and Wade is about to complete his degree in Electrical Engineering in Barrie.

The Canada-Africa Innovation Fellowship program provides a unique opportunity for young leaders based in Canada, Ghana and Uganda to work together and develop innovative solutions to complex global challenges including climate change and renewable energy.

“We are **very proud** to see our students recognised for their **talent and commitment** to making **positive change** in our world.”

Dr. Janusz Kozinski, Dean of the Faculty of Engineering



Durray Farooqi

BEng (Electrical) '11
Staff Product Engineer, Semtech



“I have been very fortunate enough to be **mentored by great professors and peers**. Their mentorship has **shaped my work** as an Electrical Engineer and I **cherish their guidance**.”

Where will your Lakehead degree take you?



HEALTH & BEHAVIOURAL SCIENCES

Our **health matters**. We make it a **priority** to play an **active role**.

Human health in its biological, psychological, social, and ecological context is of interest to everyone, from citizens to governments across the globe.

At Lakehead, you will be immersed in an environment filled with innovative research and educational programming that will ensure you play an active role in building a healthy society. Our programs provide a truly unique, hands-on learning experience with close ties to many health, mental health, and social service providers in our campus communities.





INDIGENOUS NURSING ENTRY PROGRAM

The Indigenous Nursing Entry Program (INEP) is an eight-month full-time transition program designed for Indigenous students who wish to enter the field of Nursing but do not meet the admission requirements. Successful completion of the INEP ensures a seat in the Bachelor of Science in Nursing (BScN) program.

Unique Learning Opportunities: Studies occur in a culturally-sensitive and friendly environment and include courses in Biology, Chemistry, Math, English, and Academic Skills, as well as specific preparatory courses in Communication and Professional Conduct in Nursing.



KINESIOLOGY

Honours Bachelor of Kinesiology (HBK); Co-Op option; Concurrent Education: Primary/Junior, Intermediate/Senior, Accelerated Education option

The study of human movement and the factors that influence and support our body's ability to move are examined within the field of Kinesiology.

As a Kinesiology student, you will examine a broad range of multidisciplinary fields of study, including physiology, anatomy, biomechanics, aging populations, psychology, psychomotor behaviour, socio-cultural influences, musculoskeletal injuries, ergonomics, adapted physical activity, lifestyle management, and nutrition. You will be challenged to examine health and physical activity across the human lifespan.

The "Practice of Kinesiology" is a vital part of the School of Kinesiology curriculum and involves a series of practical courses designed to develop knowledge and skills through hands-on experience. Graduates of the Kinesiology program are eligible to challenge the exam to become a regulated health professional.

Unique Learning Opportunities: Multiple small lab sections allow for considerable one-on-one time with professors and fellow students. We are one of the only Kinesiology programs in Canada with a formalized co-op program where you can complete a minimum of four 4-month paid work terms. Thinking of Med School? Kinesiology graduates have great success.

Career Paths: Kinesiologist, Rehabilitation Specialist, Ergonomist, Strength & Conditioning Coach, Physical Education Teacher, Sports Agent/Coach, Athletic Therapist, Lifestyle Coach, Nutritionist, Workplace Wellness Coordinator, Physiotherapist, Occupational Therapist, Chiropractor, Doctor

Advanced Studies: Master of Science (MSc) in Kinesiology, Physiotherapy, Occupational Therapy, Chiropractor, Medicine, Graduate Diploma in Kinesiology

Sample Courses: Physical Growth and Motor Development; Biomechanics; Movement Observation and Assessment; Psychology of Physical Activity; Physiology; Musculoskeletal Injuries; Exercise Prescription; Human Anatomy



NURSING

Bachelor of Science in Nursing (BScN); (4 years); Compressed Program (3 years)

As leaders of nursing education and scholarship, Lakehead's nursing programs aim to prepare graduates who are leaders and advocates for health in Northwestern Ontario and beyond. Our curricula are strongly rooted in a foundation of relational practice. We take pride in creating learning environments conducive to collaborative relationships, which are supportive of the principles of equity, diversity, decolonization, and inclusion with respect to our learners and the individuals and communities we care for and about. A variety of experiential learning opportunities prepare students to become active members of interprofessional health care teams committed to ethical, competent, and knowledgeable professional nursing practice.

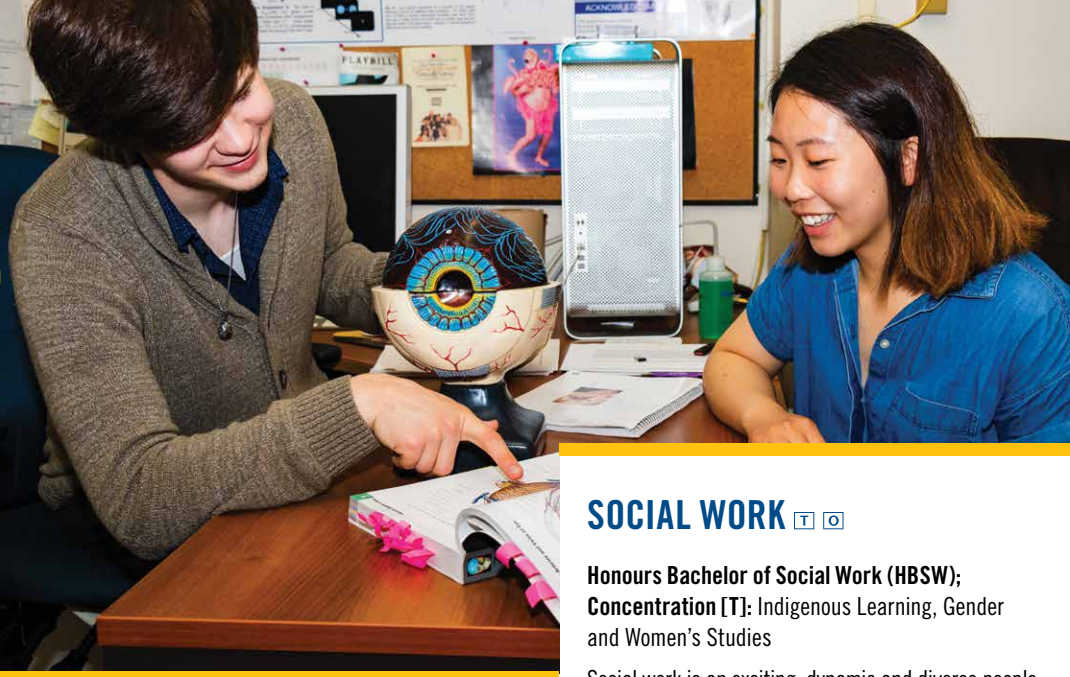
Unique Learning Opportunities: Students complete a clinical placement in their first year and gradually expand their clinical experience and scope of practice through a variety of health care settings throughout their time in the program. Lakehead's nursing programs value excellence in clinical practice and provide students with experiential learning opportunities that include medical-surgical, mental health, obstetrics, paediatrics, adult/older adults, acute care, chronic and complex care, long-term care, and/or community health settings. In their final year of the program, students complete three 6-week placements with the potential for clinical practice across Ontario, within Canada, or internationally.

Career Paths: Medical or Surgical Acute Care Nurse, Maternal-Infant Nurse, Mental Health Nurse, Pediatric Nurse, Community Health Nurse, Public Health Nurse, Peri-operative Nurse, Critical Care Nurse, Occupational Health and Safety Nurse, Nurse Researcher, Clinical Nurse Educator

Advanced Studies: Master of Nursing (MN); Primary Health Care Nurse Practitioner (PHCNP); Master of Nursing (MN); Advanced Practice Nursing (APN); Master of Public Health with a specialization in Nursing (MPH-N)

Sample Courses: Applied Anatomy and Physiology; Relational Nursing Theory & Practice; Nursing Inquiry; Adult Illness Concepts; Integrated Nursing Sciences (i.e., concepts of nutrition, pharmacology & microbiology); Nursing Leadership; Advanced Topics in Nursing





PSYCHOLOGY

Honours Bachelor of Arts (HBA)* [T][O]; Honours Bachelor of Science (HBSc)* [T]; Double Major with: Philosophy [T], Gender and Women's Studies [T]; **Minor; Concentration:** Gender and Women's Studies [T]; **Concurrent Education:** Primary/Junior [T], Intermediate/Senior

*Specialized Honours Available

Psychologists share a desire to make a positive contribution to human welfare through understanding and influencing the thoughts, feelings, and behaviour of individuals. How do we perceive, think, and learn? What motivates us? What makes us unique? How are we influenced by our social and physical environments? How do biological factors and/or drugs affect us? Explore a wide range of topics, including biological, cognitive, social, developmental, abnormal, and individual psychology.

Unique Learning Opportunities: Many of our faculty are practicing clinical psychologists who bring a wealth of expertise in areas such as addiction, eating disorders, and depression to the classroom. We also feature immersive research opportunities beginning in first year and culminating with the opportunity to integrate your learning in a 4th year project or thesis.

Career Paths: Behaviour Therapist, Family Therapist, Art Psychologist, Occupational Therapist, Clinical Coordinator, Social Worker, Mental Health Nurse, Researcher, Policy Analyst, Probation Officer, Security and Intelligence, Forensic Psychologist

Sample Courses: Abnormal Psychology; Child Development; Personality Psychology; Behavioural Neuroscience; Mind, Morality, and the Law; Psychology and Aging; Behaviour and Drugs; Animal Behaviour; Psychology of Human Sexuality; Gender and Mental Health



SOCIAL WORK

Honours Bachelor of Social Work (HBSW); Concentration [T]: Indigenous Learning, Gender and Women's Studies

Social work is an exciting, dynamic and diverse people-oriented profession. Whether providing counselling to individuals, families or groups, working with whole communities, or developing innovative social policy to promote change, Social Workers are committed to social justice and the well-being of all members of society. Our program provides you with an opportunity to learn the foundational skills you require to help people make positive change and begin your career as a Social Worker. Our programs are fully accredited by the Canadian Association for Social Work Education.

You will begin your academic journey at Lakehead by taking two foundational liberal arts years during which you will take introductory courses in Social Work, along with a variety of interesting courses that you select to broaden your learning. You will be required to apply for admission to the professional years (third and fourth year) during your second year of study. Academic guidance will be provided to help you prepare for a successful application.

You will participate in two field placements, under the direction of qualified social work supervisors, completing 110 days of on-the-job training in a social service agency or community organization.

Unique Learning Opportunities: Field education is an integral component of the program with placement opportunities in a child welfare agency, psychiatric or medical hospital, correctional facility, community organizations, school settings and much more!

Career Paths: Career opportunities exist in various settings where social work practice takes place such as in child and family welfare, mental health, corrections, health services, schools and services for the aged, as well as community development, advocacy and research programs.

Sample Courses: Human Development; Social Work Theory; Child Welfare; Treatment of Drug and Alcohol Abuse; Violence in Social Work Practice; Psychosocial Palliative Care



EXCEPTIONAL ALUMNI,
UNCONVENTIONAL CAREERS

HEALTH & BEHAVIOURAL SCIENCES

Jordan Lenz

BScN '18

Registered Nurse, London Health Sciences Centre



"My Lakehead experience is so much **more than a degree**. It is an adventure of building both independence and **lifelong friendships**; a journey of both **personal and professional growth**, while immersed in the natural world around us."

Where will your Lakehead degree take you?



EXCEPTIONAL ALUMNI,
UNCONVENTIONAL CAREERS

Kassandra Arsenault

HBA (Psychology) '17

Owner, Connect Social Media Management



"Lakehead University opened my eyes to a **world of opportunity** and provided me with direction to **follow my dreams**. I was blessed to find **lifelong friendships** and **inspiring mentors**."

Where will your Lakehead degree take you?

NATURAL RESOURCES MANAGEMENT

We're more than trees.
A **modern approach** to the
stewardship of the **environment** –
in an **unbeatable setting**.

100%
EMPLOYMENT RATE

Post Graduation

At Lakehead, we believe Natural Resources Management is about people, science and technology, and applying natural and social sciences to the **management of the environment for the benefit of society**.

▣ Thunder Bay Campus

Stewardship allows for the sustainable extraction and utilization of products such as wood, biofuels, bioproducts, food, and natural medicines. Most forested landscapes in Ontario and Canada are publicly owned, and as such, are also important for recreational pursuits.

Lakehead's programs will prepare you to take an active and responsible role in the stewardship and future sustainability of Canada's most important resources.

Common First Two Years

Whether you are interested in the Honours Bachelor of Environmental Management (HBEM) or the Honours Bachelor of Science in Forestry (HBScF), you will follow a common curriculum for the first two years of your program. After the second year, you select one of six specializations for your program. Acquiring a broad understanding of the topics and issues surrounding natural resources management will enable you to better understand and pursue your areas of interest and ensure the best career path possible.



ENVIRONMENTAL MANAGEMENT

Honours Bachelor of Environmental Management (HBEM); Specialization: Conservation Planning & Management, Sustainable Land Use, Wildlife Conservation & Management

You will obtain a sound understanding of natural processes in environmental ecosystems, including a strong background in forest environments; communication skills in writing and speaking; and practical technical experience, including industry-standard geomatics tools, such as GIS and remote sensing. Your studies will allow you to understand and maintain the integrity of the fundamental natural processes that drive our world's ecosystems.

Delve deeper into the areas of Fish and Wildlife Conservation and Management, Conservation Planning and Management, or maximize your elective opportunities through a Sustainable Land Use option. Upon completion of the Wildlife Conservation and Management specialization, you will be eligible for accreditation as a Certified Wildlife Biologist by The Wildlife Society.

Our program provides you with a solid foundation aimed at making you not just well versed in current societal issues – based on science – but also employable due to our focus on technical skills development, communications and a comprehensive understanding of Crown Land management.

Unique Learning Opportunities: Field School is an essential component of our programs whereby you'll be introduced to concepts and methodologies while collecting data for use in the classroom or lab. It is also a great way to connect with your professors and other students before the start of classes.

Career Paths: Environmental Scientist, Conservation Technician, Ecologist, Land Steward, Wildlife Biologist, Planning Specialist, Environmental Policy Analyst, Climate Research Analyst and many more.

Sample Courses: Business Principles; Forest Genetics; Photogrammetry/Remote Sensing; GIS in Management Planning; Fish and Wildlife Fundamentals; Restoration Ecology



FORESTRY

Honours Bachelor of Science in Forestry (HBScF); Specialization: Forest Health & Protection, Forest Management, Forest Products & Marketing

Through a specialization, you will delve deeper into the areas of Forest Management, Forest Health & Protection, or the emerging frontier of Forest Products & Marketing. You will be exposed to the high-tech world of modern forest management through advanced precision forestry optimization, GPS/GIS systems, 3-D visualization, remote sensing with satellite imagery and airborne systems including drone (UAV) technology, urban forestry, pathology, entomology, forest industry, wood science and forest products, forest genetics and more. To round out your comprehensive learning, you will also learn communication skills in writing and speaking, and take part in practical and technical hands-on experiences.

Our Forestry program is nationally accredited by the Canadian Forestry Accreditation Board (CFAB), which will provide you with the academic credentials to become a Registered Professional Forester (RPF) anywhere in Canada and a Certified Forester in the USA.

Unique Learning Opportunities:

Take your skills and passion across the world with the option to participate in at least one international field school excursion as well as internationally-focused courses. This experience will help you better comprehend global challenges and opportunities linked to the three pillars of sustainability – environmental health, economic viability and social well-being and acceptance.

Career Paths: Operations Forester, Geomatics/Remote Sensing, Silviculturist, Invasive Species, Drone (UAV) Specialist, Renewable Energy, Climate Change Analyst, Environmental Scientist, Urban Forester, Planning Specialist, Private Consultant, Wood Products, Industry Manager, Government Ministries, Management Positions, International Opportunities and many more.

Sample Courses: Forest Disturbances; Forest Economics; Fire Ecology and Management; Wood Science; Forest Operations; Forest Entomology; Forest Management; Silviculture; Business Principles; Indigenous Studies; Decision Support Tools; Natural Resources Inventory; and many more exciting courses.



Advanced Studies

- ▶ Master of Science in Forestry (MScF) - Thesis and Course-based options
- ▶ PhD in Forest Sciences

EXCEPTIONAL ALUMNI, UNCONVENTIONAL CAREERS



Vince Rutter

HBSc (Forestry) '00
Renewable Energy Expert,
Biothermic Wood Energy Systems



“The depth and breadth of knowledge that was shared at Lakehead gave me exactly what I needed to find success as a forester, arborist, entrepreneur and leader.”

Where will your Lakehead degree take you?

SCIENCE & ENVIRONMENTAL STUDIES



Lakehead University's locations in Northwestern and Central Ontario present an ideal backdrop for your education in the disciplines of science and environmental studies.

Whether you are studying animal sciences, plant sciences, ecology and evolution, rocks and minerals, glaciated landscapes, human evolution, forensics or water resources, you will be immersed in an enriched learning environment with smaller class sizes, invaluable fieldwork and laboratory work starting right in your first year, using sophisticated, state-of-the-art tools and equipment.

As an undergraduate student, you will be engaged in exciting research projects working alongside leading scientists on projects that inspire your learning while you contribute towards the creation of new knowledge. Our future scientists are currently exploring their research interests in areas such as climate change, invasive species, microplastics in the environment, green chemistry, labelling cancer cells, and much more.

Our diverse range of science programs will prepare you to become a future scientist, ground-breaking researcher or lead you to a wide range of other career opportunities.

 Thunder Bay Campus  Orillia Campus  Lakehead-Georgian



SCIENCE ONE

If you have an interest in science, or a passion for discovery, but are unsure which specific science program to choose, then Science One is right for you. Science One is a pathway for you to explore your broad interests.

Try courses from a mixture of different scientific and environmental disciplines by choosing one of five broadly defined themes: physical sciences, life sciences, geo-environmental sciences, science and policy, or science foundations. At the core of each option is a seminar course in which you will explore topics from a multidisciplinary approach exposing you to a variety of scientific fields and future career opportunities!

University is a time of exploration and it is okay to take your first year to discover your real passion. Experience learning at the university level across a variety of the science-based disciplines: Anthropology, Applied Life Sciences, Bioinformatics, Biology, Chemistry, Computer Science, Economics, Environmental Studies, Environmental Sustainability, Geoarchaeology, Geography, Geology, Mathematics, Physics and Water Resource Science.



ANTHROPOLOGY

Honours Bachelor of Science (HBSc); Honours Bachelor of Arts (HBA); Honours Bachelor of Arts & Science (HBASc)[O]; Minor: Anthropology, Archaeology, Biological Anthropology, Forensic Science, Socio-Cultural Anthropology [T]; **Concurrent Education:** Primary/Junior [T][O], Intermediate/Senior [T]

Anthropologists study humans and our ancestors from a mix of archaeological, biological, cognitive, linguistic, socio-cultural, and historical perspectives. Explore a range of topics, including human bio-cultural evolution and adaptations, the analysis of archaeological sites and artifacts, paleopathology, archaeological science, forensic anthropology, ancient DNA, and the variety of human cultures and societies.

Our courses blend in-class lectures with seminars, labs and field work to provide you with a well-rounded background in both the theoretical and practical applications of your area of interest. You will have access to world-class laboratories and anthropological collections which have contributed to groundbreaking findings and been utilized by some of the foremost leaders in the field. With small class sizes, you will participate in lab research and gain advanced training and experience.

Unique Learning Opportunities: Work with our internationally-renowned faculty on groundbreaking research and present your findings at national conferences. Many of our students have established themselves very early in their careers through these types of opportunities.

Field school training opportunities may be offered over the summer to provide hands-on experience in archaeological excavation, laboratory analysis, material culture identification, and mapping. These field schools typically take place in Northwestern Ontario; however, we have partnerships with organizations in Croatia, Israel and Italy.

Career Paths: Forensic Scientist, Cross-Cultural Educator, Medical Anthropologist, Epidemiologist, Linguist, Foreign Service Officer, Archaeologist, Environmental Impact Analyst, Zoologist, Bioarchaeologist, Speech Pathologist

Advanced Studies: Master of Science (MSc) in Archaeological Science; Master of Environmental Studies (MES)

Sample Courses: World Cultures; Biology of Human Variation; Human Evolution; Ancient Peoples and Places; Forensic Anthropology; Plagues and Peoples; DNA in Forensic Science



APPLIED LIFE SCIENCES

Honours Bachelor of Science (HBSc); Honours Bachelor of Science with Specialization in Biomedical Techniques (Lakehead University)/ Biotechnology-Health diploma (Georgian College); Concentration [T]: Biomedical Sciences; **Specialization [T]:** Biotechnology, Experimental Life Sciences

Explore the modern application of bio-molecular research in anthropology, biology, chemistry and physics. While experimenting with organic chemicals and exploring animal physiology, you will also have a chance to ponder optical physics and delve into human evolutionary studies. Examine the role of molecules in living organisms and the human manipulation of molecular biological processes. You will acquire skills in cutting edge molecular biology, biotechnology, and diagnostic methods in our world-renowned labs, including those at the Thunder Bay Regional Health Research Institute and the Centre for Advanced Studies in Engineering and Sciences.

Unique Learning Opportunities: You will participate in Life Sciences research in cancer, immunology, biorefining and more. Take advantage of applying for the Summer School in Medical Imaging, or study abroad and receive credit towards your program requirements.

Career Paths: Microbiologist, Epidemiologist, Diagnostic Radiologist, Forensic Lab Analyst, Geneticist, Food Analyst, Biotechnical Engineer, X-Ray Technician, Public Health Inspector, Quality Control Technician, Environmental Chemist, Biotechnology Patent Lawyer

Advanced Studies: Professional School in Medicine; Dentistry; Pharmacy or Veterinary Medicine; Master of Science (MSc) in Biology

Sample Courses: Molecular Genetics; Biofilms; Biotechnology; Pathogenic Bacteriology; Neurobiology; Parasitology; MRI Physics and Medical Applications; Cancer Biology; Biology of Human Variation



Did You Know?

A combined degree-diploma program offered in Barrie and Orillia is another option that will allow you to graduate in 4 years with both an Honours Bachelor of Science in Applied Life Science degree from Lakehead University and a Biotechnology-Health diploma from Georgian College.

Learn more: lakeheadgeorgian.ca

BIOINFORMATICS

Honours Bachelor of Science (HBSc)

Lead the way in the next stage of scientific evolution. Integrate knowledge and tools from mathematics, computer science, biology, chemistry and physics in developing information models for explaining living systems. Analyze biological information with mathematical equations to describe molecular interactions dictated by chemistry and physics to understand how living systems work. Bioinformatics can be used to study many important topics in the Life Sciences, including gene therapy, drug discovery, personalized/molecular medicine, ecology, and microbiology.

Unique Learning Opportunities: We are one of the very few universities in Canada that offers this program from year one. Whether designing a new life-saving drug, decoding a genome sequence or developing algorithms to analyze medical images, Bioinformaticians solve problems that arise from the analysis of biological data.

Career Paths: Medical Imager, Geneticist, Cellular Biologist, Microbiologist, Computer Scientist, Bioinformatician, Data Developer, Genome Analysis Technician, Computational Biologist, Biochemist

Sample Courses: Biotechnology; Molecular Genetics; Object Oriented Programming; Probability



BIOLOGY

Honours Bachelor of Science (HBSc); Honours Bachelor of Environmental Science (HBESc); Double Major: Biology/Chemistry, Natural Science/Outdoor Recreation; **Major:** Biology, Natural Science; **Minor [T][O]: Concentration:** Animal Sciences, Plant Sciences, Biodiversity & Conservation, Neuroscience; **Concurrent Education:** Primary/Junior, Intermediate/Senior, Accelerated Education option

Satisfy your curiosity about structures and functions in the natural world by studying biology in a way that suits your career aspirations. Whether outdoors or in the lab, you will do hands-on work on local and global issues in ecology and evolution, biodiversity conservation, disturbance ecology, restoration ecology and ecosystem recovery, aquatic ecotoxicology, environmental microbiology, biomass conversion, bio-refining, bioenergy, animal science and much more. Our location in the Boreal Forest makes Lakehead University the ideal institution to study Biology. Intensive local field trips and field schools take advantage of our natural and managed forests, lakes and bogs, and wildlife.

Unique Learning Opportunities: Diversify your studies with a double major in Biology and Chemistry, or focus your studies in specific areas of interest with concentrations in Animal Sciences, Plant Sciences, Neuroscience, or Biodiversity and Conservation. You will have access to Instrumentation Labs where you'll learn to operate the tools and equipment to conduct your own research, generate, analyze and interpret data and write scientific report/thesis under the guidance of experienced professors. This practical knowledge gives you an advantage when applying to graduate or professional school or a science-based job.

Career Paths: Botanist, Zoologist, Conservation Biologist, Marine Biologist, Microbiologist, Medical Geneticist, Forensic Laboratory Analyst, Environmental Health Officer; Biochemist, Bioinformatics Specialist/Programmer, Operations Research Analyst

Advanced Studies: Master of Science (MSc); PhD in Biotechnology; PhD in Forest Sciences

Sample Courses: Introduction to Cell and Molecular Biology; Introduction to Ecology, Evolution, and Biodiversity; Plant Ecology; Animal Biology; Mammalogy; Genetics; Human Internal Anatomy; Invertebrate Zoology; Forest Entomology; Evolution of Vertebrates; Conservation Biology; Biochemistry; Evolutionary Concepts; Food Microbiology; Biostatistics



CHEMISTRY

Honours Bachelor of Science (HBSc); Double Major: Biology/Chemistry; **Specialization:** Medical Sciences; **Concurrent Education:** Primary/Junior, Intermediate/Senior, Accelerated Education option

Examine the materials that make up our universe, the way in which bonds are formed between atoms, and the interactions of molecules. You will have the opportunity to explore specialty areas, including analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, physical chemistry, and polymer chemistry. Starting right in first year, you will work with some of the most modern, sophisticated and specialized instruments along with opportunities to get involved in research in your undergraduate years. All of our programs are accredited by the Canadian Society for Chemistry.

With a specialization in Medical Sciences, you can combine biochemical and imaging concepts at the molecular level, providing you with the opportunity to investigate the biochemistry of biological systems and methods for detecting/imaging and designing treatments for disease.

Unique Learning Opportunities: Laboratory experiences are hands-on throughout the curriculum, and include traditional "wet" labs, instrumental analyses, and computational simulations and informatics. Try real cutting-edge primary research with the opportunity to work in a research lab with a professor for an eight-month project in the fourth year.

Career Paths: Pharmacist, Food Scientist, Pathologist, Geochemist, Art Conservator, Environmental Policy Advisor, Toxicologist, Water Purification Chemist, Nanotechnologist, Physician, Patent Agent, Pollution Control Technologist

Advanced Studies: Master of Science (MSc); PhD in Chemistry and Material Sciences

Sample Courses: Organic; Biochemistry; Inorganic; Polymer; Analytical; Environmental; Medicinal and Computational Chemistry; Genes and Genomics; Bioinformatics; Molecular Imaging; Cyclotron and Radiopharmaceuticals; Organometallics



EXCEPTIONAL ALUMNI,
UNCONVENTIONAL CAREERS



Shiv Naimpally

BSc (Mathematics) '79,
BSc (Computer Science) '85

Patent Attorney, Muncy, Geissler, Old & Lowe, P.C.

"Many of the inventors for whom I write patent applications have commented on my ability to express complex technical topics in an easy to understand manner, something that I learned from one of my professors at Lakehead."

Where will your Lakehead degree take you?

COMPUTER SCIENCE

Honours Bachelor of Science (HBSc); Honours Bachelor of Science (Lakehead University)/ Computer Programmer diploma (Georgian College); Minor; Specialization: Game Programming, Health Informatics

Computer science is changing our world and shaping its future. It plays a leading role in modern society, whether it is helping us fight crime, finding a cure for cancer, planning a mission to Mars, or allowing us to stream music or video.

Think big as you explore the world of computer science while engaging in a focused program stream in Business or Science. Experience high-tech labs and classrooms, enjoy access to a 240-core high performance computing Linux cluster, and learn about the latest advances in game programming, artificial intelligence, health informatics applications, internet applications, computer security, big data and cloud computing.

Unique Learning Opportunities: You can choose from two program streams: Business or Science. Business Focus provides a path to the Entrepreneurship Certificate, whereas the Science Focus emphasizes Science and Environmental Science electives. A key component of our program is co-op, providing you with valuable hands-on work experience with companies that will allow you to explore and further develop your skill set.

Career Paths: Health Informatics Specialist, Web Developer, Webmaster, Computer Network Specialist, Game Developer, Information Specialist, Security Specialist, Mobile Application Developer

Advanced Studies: Master of Science (MSc) in Computer Science – Co-op option and Specialization in Artificial Intelligence options available

Sample Courses: Computer Graphics; Software Engineering; Operating Systems; Web Health Informatics; Big Data; Cloud Computing; Programming Languages; Game Programming; Algorithms; Artificial Intelligence; Cryptography



Did You Know?

A combined degree-diploma program offered in Barrie and Orillia is another option that will allow you to graduate in 4 years with both an Honours Bachelor of Science in Computer Science degree from Lakehead University and a Computer Programming diploma from Georgian College.

Learn more: lakeheadgeorgian.ca



**AMONG CANADA'S TOP
COMPUTER SCIENCE PROGRAMS**
Maclean's 2021

ECONOMICS

Honours Bachelor of Arts (HBA); Honours Bachelor of Science (HBSc); Bachelor of Arts (BA); Double Major: Economics and: Mathematics, Political Science; **Major:** Economics, Resource and Environmental Economics; **Minor**

Economics is the essence of human material existence. Study the resource and social choices we make and how we respond to incentives and information and coordinate our responses to these influences via the institution of markets. A core understanding of economic theory, statistics, and quantitative analysis is combined with topics related to labour, natural resources, and industrial organization.

Unique Learning Opportunities: Gain a marketable edge through field and specialty courses focused on labour, natural resources, and industrial organization. Learn new theories, information and current events impacting the Economics field.

Career Paths: Professional and Business Economist, Banking, Policy Analyst, Labour Relations Specialist, Actuary, Foreign Services Officer, Health Policy Planner, International Trade Specialist, Agricultural Economist, Statistician, Investment Banking Analyst

Advanced Studies: Master of Arts in Economics (MA)

Sample Courses: Microeconomics; Macroeconomics: Environmental Economics; International Finance; Money and Banking; Public Finance; Industrial Organization; International Trade; Econometrics and Forecasting



ENVIRONMENTAL STUDIES/SCIENCE

Honours Bachelor of Environmental Science (HBESc); Honours Bachelor of Environmental Studies (HBES); Bachelor of Arts (BA); Major: Biology, Earth Science, Geography; **Minor; Concurrent Education:** Primary/Junior, Intermediate/Senior

As human interference with the environment continues to grow, it is clear that environmental issues are essentially multidisciplinary in nature. In addition to the scientific exploration and inquiry involved in this discipline, you will examine socio-economic, cultural, and political factors that affect the environment in our Eco Canada nationally-accredited programs.

Unique Learning Opportunities: We offer both environmental studies and environmental science degrees with majors in Geography, Earth Science and Biology. All of these degree programs are accredited with ECO Canada, allowing you to earn the Environmental Professional designation.

Career Paths: Environmental Coordinator, Land Agent, GIS Specialist, Surveyor, Zoologist, Marine Biologist, Botanist, Ecologist, Cartographer, Land Surveyor, Conservation Officer

Advanced Studies: Master of Science (MSc) in Biology; Master of Environmental Studies (MES)

Sample Courses: Planet Earth; Environmental Philosophy; Ecology; Geochemistry; Environmental Economics; Resource Management and Sustainability; Environmental Assessment; Global Climate Change





ENVIRONMENTAL SUSTAINABILITY

Honours Bachelor of Arts & Science (HBASc); Honours Bachelor of Arts & Science (HBASc) – Co-Op; Honours Bachelor of Arts & Science (Lakehead University)/Environmental Technician diploma (Georgian College); Minor; Specialization: Ecosystem Management, Environmental Biotechnology; **Certificate; Concurrent Education:** Primary/Junior

Become an informed, environmentally conscious, and responsible citizen with excellent communication skills and problem-solving abilities. You will be prepared to meet the growing demands of interdisciplinary environmental practitioners related to Environmental Sustainability.

Unique Learning Opportunities: Our program has national accreditation with ECO Canada allowing you to earn the Environmental Professional designation. Offered at the Orillia campus, North America's first LEED® campus for environmental sustainability, it is the perfect location to enter this emerging field. We also offer a Co-op Education program if you are interested in gaining experience that surpasses typical fieldwork and research opportunities. Our Lakehead Georgian combined Degree/Diploma program with specialization in Ecosystem Management provides students with the best of both worlds. A specialization in Environmental Biotechnology is also available.

Career Paths: Environmental Scientist, Conservation Technician, Ecologist, Land Steward, Wildlife Biologist, Environmental Policy Analyst

Advanced Studies: Master of Science in Biology (MSc), Master of Environmental Studies (MES)

Sample Courses: Environmental Thought and Policy; Global Climate Change; Materials, Manufacturing and Waste; Environmental Conservation; Bioremediation; Freshwater Ecology; Environmental Biotechnology; Applied & Environmental Microbiology



GENERAL SCIENCE

Bachelor of Science (BSc); Major

The General Science program provides you with the opportunity to design your own science degree. Your future will not be bound by the constraints of disciplines. Your career may be one that does not yet exist. You get to discover what science at university really has to offer and choose the science courses that appeal to you.

General Science is ideal if you are looking for a broad scientific education. You are able to group your courses into thematic areas of your own choosing that transcend the disciplines like Life Sciences, Environmental Science & Policy, Evolution and Paleontology, Physical Science & Mathematics, and Technology.

Unique Learning Opportunities: Participate in cutting-edge research on various topics including condensed matter, behavioural ecology, quantum-chemical exploration and DNA forensics.

Career Paths: Archivist, Museum Technician, Zoologist, Marine Biologist, Ecologist, Food Scientist, Pharmacist, Pathologist, Cartographer, Conservation Officer, Land Surveyor, Exploration Geologist, Statistician, Computer Programmer, GIS Specialist, Robotics Technician

Sample Courses: Anthropology; Meteorology; Astronomy; Biology; Chemistry; Physics; Mathematical Sciences; Economics; Geography; Geology; Northern Studies; Water Resource Science



Did You Know?

A combined degree-diploma program offered in Barrie and Orillia is another option that will allow you to graduate in 4 years with both an Honours Bachelor of Arts & Science in Environmental Sustainability (Ecosystem Management specialization) degree from Lakehead University and an Environmental Technician diploma from Georgian College.

Learn more: lakeheadgeorgian.ca



GEOARCHAEOLOGY

Honours Bachelor of Science (HBSc)

The program is a collaboration between the departments of Anthropology, Geography, and Geology, and focuses on applying the concepts and methods in these fields to interpret artifacts left behind by ancient societies.

Your interdisciplinary exploration will include the study of archaeological site formation processes, paleogeography, paleoenvironmental reconstruction, chronometric dating, and other areas of intersection between the geosciences and archaeology.

Unique Learning Opportunities: Our Geoarchaeology program is one of the few of its kind in North America. The Thunder Bay campus of Lakehead University is a 'natural laboratory' with ancient archaeological sites and remnant landforms spanning the last 10,000 years of geological history. Immerse yourself in the past through scientific training in the field, access to cutting-edge laboratory facilities, and research collaborations with faculty members.

Career Paths: Archaeologist, Geologist, Palaeontologist, Volcanologist, Geographer, Climatologist, Surveyor, Urban Planner, Quaternary Scientist

Advanced Studies: Master of Science (MSc) in Archaeological Science

Sample Courses: World Cultures; Biology of Human Variation; Forensic Anthropology; DNA in Forensic Science; Material Culture; Mineralogy; Geochemistry; Field Mapping; The Earth and Life Through Time; Soil Science; Map and Air Photo Interpretation; Geomatics and GIS; Cartography; Remote Sensing



GEOGRAPHY AND THE ENVIRONMENT

Honours Bachelor of Arts & Science (HBASc)[O]; Honours Bachelor of Science (HBSc)[T]; Honours Bachelor of Arts (HBA)[T]; Honours Bachelor of Environmental Science (HBESc)[T]; Honours Bachelor of Environmental Studies (HBES)[T]; Double Major [T]: Geography and: Outdoor Recreation; **Minor; Certificate [T]:** Geomatics; **Concurrent Education:** Primary/Junior [T][O], Intermediate/Senior [T]

Apply knowledge from humanities and sciences to understand the world around us. Explore the interactions between human and natural systems, why they are located where they are, what changes are occurring in these relationships, and how to address the problems that arise. You will develop a knowledge of the Earth's physical environments and analyze the interrelationship of social, economic, political, and cultural factors. Explore specialized studies in geomatics and mapping techniques, climate change and adaptation, community sustainability and well-being, conservation and resource sustainability, environmental assessment and remediation, and global development and culture.

Unique Learning Opportunities: In your final two years of study, you may specialize in: Climate Change, Glacial Processes, Soil Analysis, Conservation, Natural Hazards, Water Resource Management, or Sociocultural Geography. We also offer a Certificate in Geomatics with advanced courses in cartography, remote sensing, and geographic information systems (GIS).

Career Paths: Cartographer, GIS Specialist, Aerial Photo Analyst, Habitat Researcher, Climatologist, Soil Conservationist, Ecologist, Urban Planner, Medical Geographer, Economic Development Officer

Advanced Studies: Master of Environmental Studies (MES)

Sample Courses: Map and Air Photo Interpretation; Geomatics and GIS; Climatology; Cartography; Glacial Systems; Fluvial Geomorphology; Resource Management and Sustainability; Urban Residential Structure; Remote Sensing



EXCEPTIONAL ALUMNI, UNCONVENTIONAL CAREERS



Cody Avery

Minor HBASc '18
Manager of Development,
Water First



"Coming from a small town in Simcoe County, being able to go to a **smaller university** was important. I really **enjoyed the atmosphere** of Lakehead Orillia."

Where will your Lakehead degree take you?



INDIGENOUS STEM ACCESS PROGRAM ^T

Indigenous STEM (Science, Technology, Engineering & Mathematics) Access Program is an eight-month, full time program designed for Indigenous people who wish to attend university but do not meet the admission requirements. You will develop your academic skills and knowledge in a culturally-sensitive and friendly environment while taking courses in English, Math, Chemistry, Academic Skills, as well as electives of your choice. Upon successful completion of this program, you may pursue an undergraduate degree in many of the Science programs at Lakehead University.

MATHEMATICS ^T

Honours Bachelor of Science (HBSc); Honours Bachelor of Arts (HBA); Double Major: Mathematics and: Physics, Economics; **Minor; Concurrent Education:** Primary/Junior, Intermediate/Senior

Mathematics is a science of pattern and order. It seeks order where there is chaos. You will explore hidden patterns that help us understand many of the complex problems that surround us. The study of mathematics develops analytical and critical thinking skills, which employers find extremely valuable in today's competitive job market.

Unique Learning Opportunities: Our Mathematics major has both a Bachelor of Arts and a Bachelor of Science option, depending on your area of interest and application. You can also choose to study Mathematical Physics, or combine your Mathematics degree of choice with a degree in Education, Economics, or Physics. This flexibility allows you to focus your education on particular topics starting in first year and graduate as an expert in the field.

Career Paths: Economist, Financial Investment Analyst, Statistician, Teacher, Market Research Analyst, Accountant, Underwriter, Public Health Statistician, Cryptographer, Physicist

Advanced Studies: Master of Science (MSc)

Sample Courses: Functions and Trigonometry; Vectors and Matrices; Sequences and Series; Calculus; Discrete Mathematics; Logic, Set Theory, and Proofs; Differential Equations; Abstract Algebra; Probability and Statistics; Numerical Analysis and Computing; Cryptology



GEOLOGY ^T

Honours Bachelor of Science (HBSc); Honours Bachelor of Environmental Science (HBESc); Major: Geology, Earth Science; **Minor; Concurrent Education:** Primary/Junior, Intermediate/Senior

Geology is the study of the Earth and the planets around us. In addition to the bedrock and loose sediment that covers it, you will investigate our planet's atmosphere and hydrosphere, its history and life. Examine modern processes as they are occurring on the surface and in the interior of the Earth, volcanic and earthquake hazards and the formation of ore deposits. Fieldwork is an important component of geology, which means you will participate in two field schools during your program. Given our location on the Canadian Shield, some of the most amazing geology in the world is within a few minutes' drive of Thunder Bay.

Unique Learning Opportunities: Our location amidst the Canadian Shield functions as an outdoor lab and classroom. Our faculty regularly holds classes outside and organizes field trips and extended field schools to take advantage of the superior environment and give you practical training that is highly valued by the industry from day one.

Career Paths: Exploration Geologist, Environmental Geoscientist, Economic Geologist, Geochemist, Geophysicist, Mineralogist, Palaeontologist, Seismologist, Volcanologist

Advanced Studies: Master of Science (MSc) in Geology

Sample Courses: Planet Earth; Mineralogy; Geochemistry; Field Mapping; The Earth and Life Through Time; Glacial Systems; Metamorphism; Tectonics; Soil Science; Igneous Petrology





PHYSICS

Honours Bachelor of Science (HBSc);

Double Major: Physics and: Mathematics; **Major:** Mathematical Physics, Physics; **Concentration:** Biomedical Physics; **Concurrent Education:** Primary/Junior, Intermediate/Senior

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental natural science. Through both experiment and theory, you will attempt to uncover the laws of nature at the deepest level. Whether it is imaging galaxies or imaging tumors, looking at the quantum world or protein dynamics, physics is the key to unlocking the universe.

You will be exposed to cutting-edge knowledge in a variety of fields in physics including quantum mechanics, lasers and optical physics, nanotechnology, materials science, medical imaging and mathematical physics to equip you well with the knowledge and technical skills needed for success. In your senior years, you will have the opportunity to do advanced research in Mathematical Physics, Biomedical Physics, Medical Imaging, Nanostructured Surfaces, and Fibre Optics.

Unique Learning Opportunities: Lakehead is a partner institution with Thunder Bay Regional Health Research Institute providing you with access to state-of-the-art biomedical imaging devices such as Magnetic Resonance Imaging (MRI), and a facility for medical imaging detector development and testing (including a clean room for material fabrication). These facilities are part of specialized biomedical physics courses, as well as part of the Physics-Thunder Bay Regional Health Research Institute's summer school in medical imaging.

Career Paths: Physicist, Biophysicist, Astronomer, Medical Physicist, Meteorologist, Geophysicist, Research Scientist, Data Analyst, IT Professional, Optical Technician, Biomedical Engineer, Atmospheric Scientist, Radiologist

Advanced Studies: Master of Science (MSc); PhD in Biotechnology; PhD in Chemistry & Material Sciences

Sample Courses: Modern Physics; Thermodynamics; Electricity and Magnetism; Optics; Observational Astronomy; Quantum Mechanics; Fibre Optic Communications; Relativity; Nuclear Physics; Introduction to Medical Physics; Meteorology.



WATER RESOURCE SCIENCE

Honours Bachelor of Science (HBSc);

Specialization: Applied Environmental Water Management

Water quality and adequate supplies of fresh water are important issues in Canada and the rest of the world. With increasing population growth and climate change, sustainable management of this limited and vital resource is at the forefront of science and policy. Gain the skills and knowledge required to tackle complex problems related to sustaining and improving water quality to meet the many growing demands on this precious resource.

Unique Learning Opportunities: Lakehead offers a unique undergraduate program in Canada specializing in Water Resources. We also offer an applied program in partnership with Confederation College, in which students graduate with a degree and diploma in four years. Located on the shore of the largest freshwater lake in the world, Thunder Bay offers an unparalleled location to learn about water and enables us to deliver field-based experiential learning opportunities.

Career Paths: Hydrologist, Environmental Technician, Hydrological Engineer, Watershed Manager, Environmental Consultant, Environmental Programs Manager, Geomatics, Fisheries, Limnology, Public Works Manager

Advanced Studies: Master of Science (MSc) in Biology; Master of Environmental Studies (MES); Master of Science (MSc) in Geology

Sample Courses: Environmental Field School; Limnology; Biology of Fishes; Groundwater; Environmental Biology; Geomatics and GIS; Geomorphology; Resource Management and Sustainability; Glacial Systems; Depositional Environments; Soil Sciences; Fluvial Geomorphology; Remote Sensing



EXCEPTIONAL ALUMNI,
UNCONVENTIONAL CAREERS



SCIENCE & ENVIRONMENTAL STUDIES

Maura Kolb

MSc. (Geology) '10
Director of Exploration,
Treasury Metals, TSX: TML



“Attending Lakehead allowed me to be immersed in geology and exploration. I quickly fell in love with the mining/exploration industry and Northwestern Ontario. The professors are very in tune with the industry providing a ton of networking opportunities.”

Where will your Lakehead degree take you?

SOCIAL SCIENCES & HUMANITIES

Make a difference.

Be the **change** you want to see in the **world**.

Join the next generation of global citizens in one of our engaging Social Sciences and Humanities programs.

You will thrive in our dynamic and vibrant learning environment, with small class sizes and award-winning faculty who know your name.

Explore the diversity of human experience across time and place, and investigate the ways in which meaning is made, how our worldviews are represented, and how new ideas take hold and shape us and our world. In the Social Sciences and Humanities we explore those large and enduring questions related to the ways in which human beings think and behave, how they interact with each other and their environment, and how they communicate ideas about human experience through arts, literature, and music, in addition to a rich range of research topics. Lakehead is ranked in Canada's Top 10 for Social Sciences and Humanities Research (Primarily Undergraduate Universities, Maclean's 2020), and offers you the opportunity to gain experiences that combine academic studies with community-based and hands-on learning through a social justice lens.

Our graduates are ready to make a difference in the arts, health, technology, and so much more.

 Thunder Bay Campus  Orillia Campus

Arts One

Try out a mix of different courses without being worried about making the perfect choice right on day one. Arts One will allow you to begin your first year of studies without having to select a major until the end of your first year. Experience a blend of courses from across a variety of the arts-based disciplines in areas such as English, History, Philosophy or Political Science, to name a few. Meet with an advisor who will help you discover your interests and career goals, and majors that suit your aspirations.





ENGLISH

Honours Bachelor of Arts (HBA); Honours Bachelor of Arts & Science (HBASc) [O]; Double Major [T]: English and: French, History [T][O], Philosophy, Gender and Women's Studies; **Minor:** English, Writing; **Specialization:** Writing; **Certificate:** Writing; **Concurrent Education:** Primary/Junior [T][O], Intermediate/Senior [T], Accelerated Education option

English is not just about books. Discover the world's diverse cultures and the contexts in which we live our lives through a detailed study of literature, language and culture. Explore different types of literature, as well as film and popular culture; study the history of literature and literary and cultural theory; and examine a wide range of texts from different historical periods, genres, media, and literary traditions. English is a flexible degree that will help you develop writing, communication, critical thinking, and research skills — transferable skills that are valuable across professions.

Unique Learning Opportunities: Writing, literature, and theory are not confined to the classroom. Our unique writing specialization provides all the benefits of an English degree while offering training in both creative and professional writing, preparing you to spread your artistic wings and enter the workplace. Our “Life Writing” course will give you an opportunity to connect with your community, learn about, and share a person's “Life Story” by putting it in writing. You will also have the opportunity to work with other English students to produce a literary magazine, *The Artery*. Research opportunities are integrated throughout the degree program.

Career Paths: Teacher, Journalist, Writer, Editor, Publisher, Public Relations Officer, Copywriter, Advertising Executive, Entrepreneur, Broadcaster, Social Media Director & Content Producer, Activist, Civil Servant, Business & Policy Analyst, Lawyer

Advanced Studies: Graduate Studies in English or other Arts/Humanities, Education, Library Science; Law School

Sample Courses: Professional Writing; Popular Culture; Film Studies; Shakespeare; Indigenous Literature in Canada; Children's Literature; Creative Writing; Science Fiction; Gender, Sexuality & the Body in Literature and Culture, Young Adult Literature; Ecocriticism

CRIMINOLOGY

Honours Bachelor of Arts & Science (HBASc); Minor

Examine the causes and effects of crime and criminal behaviour on individuals and society as a whole. Truly interdisciplinary in scope, your study of Criminology will introduce you to the foundations of crime and the systems in place to respond to concerns of crime and justice in Canada. Within the program, there are three key areas of focus: forensic science and criminalistics, social justice and human rights, and law and legal institutions.

Unique Learning Opportunities: The Lakehead Criminology experience emphasizes a practitioner orientation, which will intimately familiarize you with the three pillars of the Canadian criminal justice system: policing, prosecution, and corrections. Delve into the world of forensic evidence collection and the scientific analysis of physical evidence as well as the role of forensic science in criminal justice proceedings.

Career Paths: Police Officer, Border Services Superintendent, Crime Analyst, Parole Officer, Justice Administrator, Social Worker, Social Policy Analyst, Victim Services Coordinator, Offender Rehabilitation Specialist

Advanced Studies: Law School; Teacher Education; 1-Year Social Work; Graduate School

Sample Courses: Cybercrime; Youth Crime & Justice; Forensic Psychology; Criminal Profiling; Policing; Death Investigation; Violence & Crime





GENERAL ARTS

Bachelor of Arts (BA)

The General Arts program provides you with the opportunity to discover what university really has to offer. It is ideal if you are looking for a broad education.

Unique Learning Opportunities: Our General Arts program has thirteen departments within the Faculty of Social Sciences & Humanities from which to choose your courses.

Career Paths: Journalist, Community Engagement Coordinator, Translator, Curator, Public Policy Analyst, Marketing Specialist, Advertising Coordinator, Researcher, Media Buyer, Tour Guide, Lobbyist

Sample Courses: Criminology; English; History; Indigenous Learning; Languages; Music; Media, Film and Communications; Outdoor Recreation, Parks and Tourism; Philosophy; Political Science; Sociology; Visual Arts; Gender and Women's Studies



HISTORY

Honours Bachelor of Arts (HBA); Bachelor of Arts (BA)*; Double Major [T]: History and: English, French, Philosophy, Political Science, Sociology, Gender and Women's Studies, Outdoor Recreation; **Minor; Specialization:** Public History [T], Military History; **Certificate [T]:** Public History; **Concurrent Education:** Primary/Junior [T][O], Intermediate/Senior [T], Accelerated Education option

*Program fully available online.

According to Cicero, "History is the witness that testifies to the passing of time; it illuminates reality, vitalizes memory, provides guidance in daily life." Our programs are designed for you to become actively engaged in learning about our shared understanding of past events. Your exploration will encompass all aspects of the human experience in all parts of the world, including such fields as Canadian, European, American, African, Latin American, and South Asian History. The study of History encompasses all aspects of human experience, from wars to celebrity culture, and is constantly evolving as our knowledge and perspectives advance. Studies show that history graduates are in high-demand in the workplace, particularly in business and the tech sectors.

Unique Learning Opportunities: Community-centred placement opportunities in any history or heritage-related organization allows you to supplement and complement your studies with practical work experience such as paid work on museum exhibitions and documentary films. Through our Peer Mentorship Program, pair up with an upper-year student to help you through your studies, and return by becoming a mentor in the future.

Career Paths: Archivist, Community Engagement Officer, Editor, Public Policy Analyst, Public Service, Historical Projects Coordinator, Heritage Officer, Journalist, Lawyer, Librarian, Museum Curator, Teacher

Advanced Studies: Graduate Studies in History and other Social Sciences and Humanities; Education; Law School

Sample Courses: The Making of the Modern World; Modern Europe; World War I and II; The Hitler State; The Holocaust; History of Sport; Military History; Popular Culture; Africa since 1400



INDIGENOUS LEARNING

Honours Bachelor of Arts (HBA); HBA with Double Major: Indigenous Learning and: Philosophy or Gender and Women's Studies; HBA of Social Work with concentration in Indigenous Learning; Minor in Indigenous Learning; Certificate in Indigenous Learning; and Bachelor of Arts in Concurrent Education with Indigenous Learning major

Drawing on the words of Indigenous Elder Dr. Lilla Watson: "If you have come here to help, you are wasting your time. But if you have come here because your liberation is bound up with mine, then let us work together." Indigenous Learning encourages Indigenous and non-Indigenous students to develop a deep and rigorous understanding of Indigenous intellectual traditions and Indigenous/settler relations. Central to our discipline is praxis-based engagement with Indigenous knowledge systems to address the current social, economic, political, and environmental states. We ask students to consider what decolonization and active processes of redress and reconciliation might look like and to think about their roles within them.

Unique Learning Opportunities: Indigenous story pedagogy is a hands-on course where students come to understand how Indigenous stories inform research methods, law, public policy, and program development by engaging in storytelling labs which develop knowledge and skills in storytelling, story analysis and knowledge translation.

Career Paths: Policy Analyst, Community-Based Researcher, Indigenous Liaison or Economic Development Officer, Policy Advisor, Politician, Program Director, Advocate, Gladue Caseworker, Freelance Writer, Community Engagement Worker, and Cultural Coordinator, Consultant

Sample Courses: Mino-Bimaadiziwin; Social Movements and Resistance across Turtle Island; A Critical Approach to Community Development; Indigenous Representation and the Media; Gender Colonialism, and Health; and Indigenous Story Pedagogy



INDIGENOUS TRANSITION YEAR PROGRAM

*Offered in-person in Thunder Bay and Zoom synchronously in Orillia.

The Indigenous Transition Year Program is an eight-month, full time program designed for Indigenous people who wish to attend university but do not meet the admission requirements. You will develop your academic skills and knowledge in a culturally-sensitive and friendly environment while taking courses in English, Math, Science, Indigenous Learning and University Transitions.

Upon successful completion of this program, you may pursue an undergraduate degree at Lakehead University.

INTERDISCIPLINARY STUDIES

Honours Bachelor of Arts & Science (HBASc); Concentrations: Environment in Politics & Culture, Human Nature, International Conflict & Human Rights, Social Justice; **Concurrent Education:** Primary/Junior, Intermediate/Senior

How do we prepare for a future that we cannot see? How do we prepare for careers that do not yet have a name? The answer: Interdisciplinary Studies. Our Interdisciplinary Studies program allows you to build multi-disciplinary knowledge while engaging intersectional problems. Develop your critical-thinking skills and problem-solving strategies via innovative inquiry courses.

Unique Learning Opportunities: Join any two disciplines together to customize your education based on what interests you, while becoming aware of a much wider horizon. Choose two disciplines from: Anthropology, Biology, Chemistry, Criminology, English, Entrepreneurship, French, Geography, General Science, History, Media, Film and Communications, Political Science, Psychology and Sociology. Interdisciplinary concentrations are also available in: Environment in Politics & Culture; International Conflict & Human Rights; Human Nature; Social Justice.

Career Paths: Anthropologist, Historian, Researcher, Conservation Officer, Journalist, Biochemist, Public Relations Officer, Lobbyist, Psychologist, Teacher, Policy Analyst, Ecologist, Manager

Advanced Studies: With the option to focus intently on a chosen disciplinary or interdisciplinary areas, you will be well prepared to pursue professional schools or graduate studies related to a particular topic you explore.

Sample Courses: Social Justice; Human Nature; Environment in Politics and Culture; International Conflict and Human Rights; Research in Criminology



LANGUAGES

Honours Bachelor of Arts (HBA); Double Major: French and: English, History, Philosophy; **Minor:** French; **Certificate:** French Proficiency – Basic, Intermediate, Advanced; International Languages (Finnish, Italian, Spanish, German); **Concurrent Education:** Primary/Junior, Intermediate/Senior

Learning languages allows you to enjoy different cultural perspectives, worldviews, and peoples from around the world. As instruments of communication and discovery, languages open a window to the diversity of the human experience. Explore the languages of Finnish, German, Spanish, Italian, Mandarin, and the Classics. You can specifically major in French, combine French with another major, or even study French concurrently with Education to qualify you to become a certified French Teacher. The ability to communicate effectively in French is not only an asset but can also be a requirement for many careers.

Unique Learning Opportunities: Supplement your academics with French immersion experiences including: Summer employment and immersion courses in Quebec, or English teaching. Through our exchange program, you can also study at one of our partner universities in France. The Ontario/Rhône-Alpes Student Exchange Program is a great way to study in France while earning credits towards your Lakehead degree.

Career Paths: Translator, Interpreter, Court Interpreter, Language Teacher, International Student Advisor, Public Relations Officer, Writer, Journalist, Foreign Affairs Specialist, Tour Guide, Hotel Manager



MEDIA, FILM AND COMMUNICATIONS

Honours Bachelor of Arts & Science (HBASc); Minor

Are you creative yet determined to achieve a practical degree? Do you spend all your time on digital media? Media, Film and Communications is a high-impact, leading-edge program where you produce and study media: film and video, music and sound, photography, visual, print and social media. Explore the increasingly central role of digital media and technologies in society, and produce a portfolio of work to launch your career in media, film, or communications.

Unique Learning Opportunities: Gain hands-on learning in media and film production labs with industry experts, and analysis of representation, social norms, and the role media play in individual and group identities. Exposure to industry-standard equipment, production software, and exposition is achieved through lab courses, professional internships, creative digital media projects, and an annual Media Arts Showcase.

Career Paths: Videographer, Social Media Strategist, Digital Communications Expert, Multi-Media Journalist, Digital Curator, Filmmaker, Cinematographer, Photojournalist, Web Content Producer, Media Sensitivity Consultant, Mixed Media Communications Strategist, Public Relations

Sample Courses: Video Production; Documentary Film, Cinematography; Sound Production & Post-Production; Visual Media; Alternative New Media; Computer Art; Photography Studies; Sexuality in Media; Crime, Media, Culture; Anti-Racist & Indigenous Media; Surveillance & Society



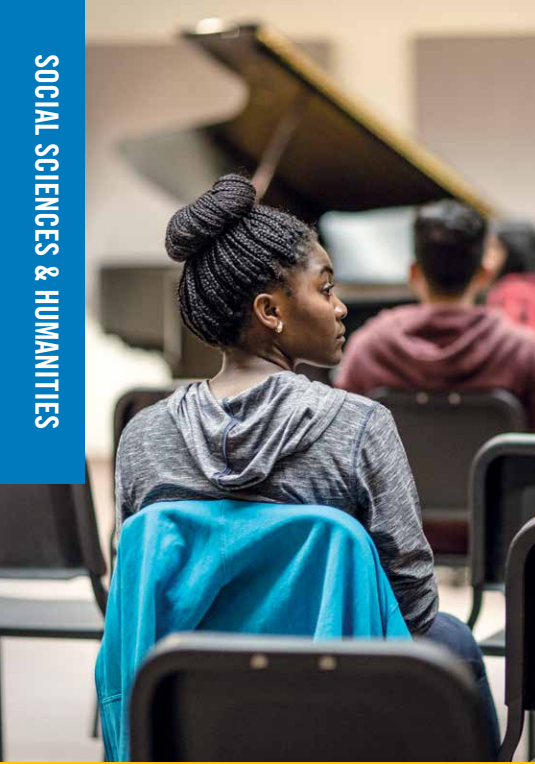
Robin Noftall
HBA (Sociology) '02

Senior Search Associate,
Leaders International
Executive Search



"Transferring to Lakehead for my last two years after attending a large [impersonal university] was the **best decision I ever made!** It is where I discovered a **passion** for philosophy and sociology, through **two incredible professors**, which led me down a **successful career path.**"

Where will your Lakehead degree take you?



MUSIC

Honours Bachelor of Music (HBMus); Honours Bachelor of Arts (HBA); Minor; Certificate: Performance and Pedagogy;
Concurrent Education: Primary/Junior, Senior/Intermediate

Develop your performance skills and deepen your awareness and understanding of music theory, composition, and music history at Lakehead. Select any of the orchestral instruments to study or choose from saxophone, classical guitar, piano, organ, or voice. Your study of music will enrich you intellectually and challenge you as a creative and performing artist, music teacher and scholar.

It is our goal to develop your talent as both a soloist and a collaborative musician, and cultivate your creativity by exposing you to diverse musical genres, traditions, and innovations.

Unique Learning Opportunities: Become highly involved in the local community music scene with performance opportunities with the Thunder Bay Symphony Orchestra and participate in the Thunder Bay Symphony Youth Orchestra. On campus, enjoy facilities built for musicians including a recital hall, music library, smart classrooms and teaching studios.

Career Paths: Professional Musician, Accompanist, Choral Director, Conductor, Music Teacher, Vocal Coach, Musicologist, Arts Administrator, Audio Engineer

Sample Courses: Music History; Musicianship; Theory of Music; Performance; Percussion Techniques; Jazz; Chamber Choir; World Music; Conducting; Piano Pedagogy and Teaching Techniques; Composition; Orchestration



OUTDOOR RECREATION, PARKS & TOURISM

Honours Bachelor of Outdoor Recreation (HBOR); Double Degree: Outdoor Recreation and: Geography, History, Natural Science, Gender and Women's Studies; **Concentration:** Nature-based Therapeutic Recreation; **Concurrent Education:** Primary/Junior, Intermediate/Senior

Whether you already have extensive experience in outdoor recreation or you are just starting out on your path to adventure, our program will show you that outdoor recreation plays an increasingly important role in society, contributing to mental and physical health, family cohesion, culture, environmental appreciation, and economic development. Our one-of-a-kind experiential program provides you with the opportunity to think critically about the world around you and what it means to live in a more environmentally and socially just society.

Unique Learning Opportunities: From Lake Superior to Wabakimi Provincial Park, our program takes advantage of the unique terrain and natural resources in our region. With hills, rivers, lakes and trails at our doorstep, along with the best that the four seasons can provide, our region offers ideal outdoor learning environments filled with unconventional opportunities that include world-class climbing, cross-country skiing, kayaking, hiking, and wildlife viewing. Through partnerships with various community organizations and businesses, our courses engage students in experiential, service-learning projects that make a difference in our communities.

Career Paths: Adventure Guide, Outdoor Educator, Youth Camp Director, Recreation Therapist, Tourism Development Advisor, Parks Manager, Small Business Owner, Park Interpreter, Recreation Programmer, Municipal Recreation Manager, Primary/Secondary Teacher

Sample Courses: Group Dynamics; Land Relations; Outdoor Skills and Theory; Parks and Tourism; Expedition Management; Outdoor Adventure Leadership; Risk Management; Field Explorations; Interpretation and Guiding; Specialized and Inclusive Therapeutic Recreation; Tourism Entrepreneurship; Indigenous Tourism; Ethics and Justice in Travel; Climate Change and Sustainability in Tourism and Recreation



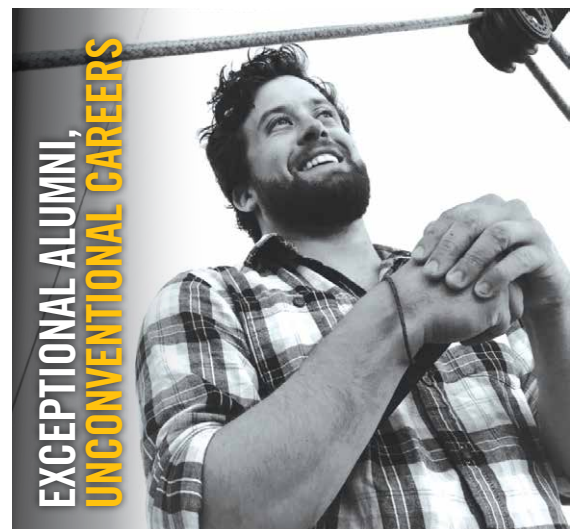
PHILOSOPHY

Honours Bachelor of Arts (HBA); Double Major: Philosophy and: English, French, History, Indigenous Learning, Political Science, Psychology; **Minor:** Applied Ethics, Philosophy; **Concurrent Education:** Primary/Junior

The study of philosophy is at the heart of university culture and intellectual life. Your exploration of the great questions and thinkers of the past and present will result in the development of your own reasoning skills through argument and debate. Examine both the natural and human world, and discover the ideas at the foundation of science and the arts in our world.

Career Paths: Law, Medicine, Education, Business, Civil Services - the world is without limits to someone with an educated imagination.

Sample Courses: Philosophy of the Occult and Paranormal; Popular Culture; The Human Condition; Existentialism and Phenomenology; Ancient Greek Philosophy; Logic; Defence Against the Dark Arts; Biomedical Ethics; Business Ethics; Asian Philosophy; Cyberethics



Christopher Britt

BSc'09, HBOR/BE'd'10

Administrative Coordinator,
Xet'olacw Community School
and Trail Guide, Yukon Apline Heli Ski



"My time at Lakehead was one of the best chapters of my life. I'm grateful for all the educators I got to work with and learn from."

Where will your Lakehead degree take you?



POLITICAL SCIENCE / PRE-LAW

Honours Bachelor of Arts (HBA); Double Major [T]: Political Science and: Economics, History, Philosophy, Gender and Women's Studies; **Major:** Political Science, Pre-Law; **Minor:** Political Science, International Politics

Examine the theory and practice of state and government and the benefits we seek through political organization, such as freedom, well-being, equality, and justice. In our student-centred learning environment, you will study all aspects of Canadian politics, including the federal system, voting behaviour, political parties and pressure groups. You will also explore political systems from across the globe, and how they interact on the international stage. For those with a special interest in politics abroad, our minor in International Politics is one of the very few in Canada.

Unique Learning Opportunities: Thinking about Law School? Consider our specialized Pre-Law program designed to introduce you to the study of law by emphasizing subject matter related to the legal process, in addition to politics. Graduates are regularly accepted to excellent Law Schools including the Bora Laskin Faculty of Law at Lakehead.

Career Paths: Public Policy Analyst, Diplomat, Economic Development Officer, Social Policy Program Officer, Lawyer, Market Analyst, Business Consultant, Public Relations Specialist, Press Officer

Sample Courses: Gender and Politics; Criminal Law; Human Rights and Civil Liberties; Mass Media and Politics; International Law; Global Terrorism; Environmental Policy; Political Tactics; Aboriginal Peoples and the Law; Foreign Policies of Major Powers

Advanced Studies: Law School



SOCIOLOGY

Honours Bachelor of Arts (HBA); Double Major [T]: Sociology and: History, Gender and Women's Studies; **Minor; Concurrent Education [T]:** Primary/Junior

Study all aspects of human group life, ranging from personal relationships to organizations and institutions, and social forces that operate on national and global levels. You will learn a diverse array of theoretical perspectives and research methods to help you understand the social world and study the issues that are important to you.

At Lakehead, you will master the essentials of social research while applying these skills to study and better understand numerous topics and issues in social life that interest you most. Sociology provides students with highly flexible and marketable skills for employers. For example, students learn to think critically and analytically, understand the social trends and organizational dynamics behind a host of real-world issues, synthesize complex information, communicate clearly in oral and written form, and mobilize diverse methods of social research to collect rich data and usefully analyze social patterns.

Unique Learning Opportunities: Research and hands-on application is at the core of our programs. You will graduate with the necessary skills to facilitate quantitative and qualitative research, and to think creatively and inquisitively in order to better understand social patterns, behaviours, and issues across a wide range of contexts.

Career Paths: Community and Government Organizations, Management and Administration, Counselling and Social Work, Human Resources, Labour Relations, Social Policy Development, Private and Public Sector Research, Activism and Advocacy, Education, Health and Aging, Police Services, as well providing a strong foundation for Professional Programs such as Law, Medicine, Nursing, and Journalism, and Graduate Degrees in Sociology

Sample Courses: Crime and Society; Sociology of Law; Media, Culture, and Society; Sociology of Health and Illness; Sociology of Violence; Environmental Sociology; Food, Culture, and Society; Sociology of the North



VISUAL ARTS

Honours Bachelor of Fine Arts (HBFA); Bachelor of Arts (BA); Minor: Art History, Ceramics, Drawing, Painting, Sculpture; **Concurrent Education:** Primary/Junior, Intermediate/Senior

Develop your skills as an artist and experience studio classes devoted to painting, drawing, sculpture, and ceramics. Combine practical, theoretical, and critical approaches to the study of art and art history. Exhibit your work at public galleries including the annual Student Juried Exhibition at the Thunder Bay Art Gallery where the high quality of student art produced is celebrated. Enjoy Visiting Artist talks, gallery visits, and more.

Unique Learning Opportunities: Our small size allows focus on you as an individual artist and personal attention within the studio setting. Experiential learning opportunities at the 4th year level at local arts institutions and organizations. Attend a field trip to visit museums and galleries to supplement the structure of in-class learning. Previous classes have visited art and cultural centres in Toronto, Chicago, Montreal, Ottawa, Minneapolis, New York, Winnipeg and Calgary.

Career Paths: Professional Artist, Gallery Director/Owner, Book Illustrator, Animator, Curator, Arts Administrator, Museum Merchandiser, Graphic Designer, Media Coordinator, Art Therapist, Media Specialist, Primary, Secondary and Postsecondary teacher, Art Dealer, Community-Based Arts Educator

Sample Courses: Painting; Drawing; Sculpture; Ceramics; Graphic Design; Digital Art; 20th Century Art History; Contemporary Art History; Professional Practices in the Arts; Experiential Learning Internship



NON-DIRECT ENTRY FACULTY

LAW



An innovative and personal legal education. Fusing theory with practical application.

At Lakehead, we provide the highest standard of legal education. Our Juris Doctor program focuses on the realities of living and working in the North.

We are small. With only 65 students every year, we take full advantage of our small class size. You will receive a personal education, where learning is hands on and your professors are available to you. We offer unique opportunities for you to hone your legal skills at all stages of the program. Lakehead law graduates are ready to serve their communities as skilled advocates and admitted to the Ontario bar without requiring articles of clerkship.



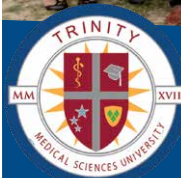
The Bora Laskin Faculty of Law has three mandates that guide our delivery of an innovative practice-ready focused curriculum:

- Aboriginal and Indigenous Law
- Natural Resources and Environmental Law
- Small Firm and Solo Practice with the Integrated Practice Curriculum (IPC)

Connect with us at: law.lakeheadu.ca

PARTNERSHIP PATHWAYS TO MEDICAL SCHOOL

MEDICINE



Lakehead University's exciting new partnership with **Trinity School of Medicine** provides Lakehead students with a clear, defined path to becoming a practicing MD.

Open to graduates of Lakehead, including International students, Trinity School of Medicine offers its students the opportunity to become licensed medical doctors in both Canada and the United States. Along with priority application, a waived application fee, and scholarships exclusively available to Lakehead students, Trinity School of Medicine provides a streamlined admissions process.

Like Lakehead University, Trinity School of Medicine recognizes the value of hands-on experience, which is why students begin working directly with patients beginning their very first term.

- Gain global healthcare experience
- Highly accredited, international medical school
- MCAT waived for international applicants
- First four semesters in St. Vincent
- Top choice residencies in the annual U.S. and Canadian residency match programs in a broad range of specialties

Connect with us at: trinityschoolofmedicine.org



NOSM
UNIVERSITY

NOSM University is situated in the heart of Lakehead University's Thunder Bay Campus.

NOSM University provides Lakehead graduates the opportunity to apply to further their medical education aspirations.

Experience small class sizes, supportive faculty and staff and the cultural immersion and research opportunities that define NOSM University's MD program.

Connect with us at: nosm.ca

LAKEHEAD-GEORGIAN DEGREE+ DIPLOMA

Innovative, four-year combined **degree-diploma programs** incorporate the best of academic scholarship and practical skills.

The Lakehead-Georgian Partnership is a collaboration between Lakehead University and Georgian College. Our **one-of-a-kind programs** offer you the opportunity to earn a **university degree** and a **college diploma** in four years of full-time study.

Graduate with the **credentials, skills and experiences** that open doors to **countless career opportunities**. What are you waiting for?

Your future starts here.



Visit LakeheadGeorgian.ca



COMPUTER SCIENCE^{2*} LG

Honours Bachelor of Science Degree in Computer Science + Computer Programming Diploma

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 two paid co-op work terms.



APPLIED LIFE SCIENCES² LG

Honours Bachelor of Science Degree in Applied Life Sciences (Specialization in Biomedical Techniques) + Biotechnology-Health Diploma

Explore how life works. Delve into the world of living organisms – from microbes to human beings. Our life sciences program teaches you to understand the extent of biological diversity at the molecular level with a specific emphasis on training in laboratory and data analysis. You'll be positioned for scientific careers such as microbiology or pharmaceutical research, you'll have the option to pursue graduate studies, or use your education as a stepping stone to professional degree programs such as medicine, pharmacy, or forensics.

*Includes two co-op work terms **Optional 16-month co-op work term after third year



ELECTRICAL ENGINEERING^{1**} LG

Bachelor of Engineering (Electrical) Degree + Electrical Engineering Technology Advanced Diploma

Central Ontario's only innovative four-year engineering program provides you with a solid foundation across all areas of electrical engineering – gain valuable theoretical knowledge, practical engineering and applied technology skills. As part of your Electrical Engineering program, you'll have the option to participate in a 16-month paid work term after third year. Graduate in five years with relevant industry experience.



ENVIRONMENTAL SUSTAINABILITY² LG

Honours Bachelor of Arts and Science – Environmental Sustainability (Specialization in Ecosystem Management) Degree + Environmental Technician Diploma

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.

1 - Years 1-4 Georgian College, Barrie Campus

2 - Years 1-2 Georgian College, Barrie Campus / Years 3-4 Lakehead University, Orillia Campus

LG Lakehead-Georgian Partnership



All Bachelor of Engineering degree programs offered at Lakehead University are accredited by The Canadian Engineering Accreditation Board (CEAB).



Lakehead
UNIVERSITY



STUDENT SUPPORT

Our supportive and **student-centred philosophy** gives you the **highest potential for success**. You matter to us and **we are here to help you** from your first days as a new student right through to graduation.

SERVICES FOR ALL STUDENTS

ACADEMIC SUCCESS

- ▶ Unlimited Group Tutoring
- ▶ Academic Advising & Support
- ▶ Student Success Advising
- ▶ Tutoring & Peer-Assisted Learning
- ▶ Writing Supports
- ▶ Registration Assistance & Course Planning
- ▶ Library
- ▶ Student Accessibility Services
- ▶ Assistive Technology

CAREER PLANNING

- ▶ Career Counselling
- ▶ Resume Writing & Interview Preparation Skills Development
- ▶ Job Bank
- ▶ Co-operative Education Services
- ▶ Job & Employment Fairs
- ▶ On-Campus Job Opportunities
- ▶ Leadership Development
- ▶ Co-Curricular Record

FINANCIAL

- ▶ Financial Planning & Budgeting Support
- ▶ Scholarships, Bursaries & Awards
- ▶ OSAP Assistance
- ▶ Online Tuition Payment

FIRST-YEAR EXPERIENCE

- ▶ Orientation
- ▶ Student Ambassador Program
- ▶ First-Year Seminar Courses
- ▶ Peer Mentor Program

MORE SUPPORTS

- ▶ Daycare (Thunder Bay)
- ▶ Pride Central
- ▶ Off-Campus Housing
- ▶ Food Bank
- ▶ Ombudsperson
- ▶ Security Services... And More!

WELCOME TO STUDENT ACCESSIBILITY SERVICES

Student Accessibility Services (SAS) staff collaborate with students, staff and faculty to facilitate the provision of academic accommodations (eg. access to lecture material, extra time on tests, assistive technology) for students with disabilities/medical conditions while maintaining academic standards and integrity.

Students can register with SAS for a wide variety of disabilities/medical conditions that are permanent or temporary;

- ▶ Learning Disabilities
- ▶ Acquired Brain Injuries
- ▶ ADHD
- ▶ Mobility
- ▶ Mental Health
- ▶ Vision
- ▶ Medical conditions
- ▶ Hearing

SAS welcomes students to a supportive atmosphere where services are delivered respectfully and confidentially.

Connect with us:

Thunder Bay: sas@lakeheadu.ca

Orillia: oraccess@lakeheadu.ca

Explore more here:



Explore more here:





WELCOME TO STUDENT CENTRAL

Whether you are a new student arriving to campus for the first time, getting ready to graduate or anything in between, Student Central provides you with a more convenient way to conduct your business and access support in one central location. Here you will be able to access everything you need - from enrolling at Lakehead through to course registration, financial support, academic advising and so much more. Our dedicated, cross-trained Student Central Professionals are able to solve issues from start to finish with improved consistency of service and answers. This holistic approach allows us to focus on you!

Connect with us at studentcentral@lakeheadu.ca



MEET THE STUDENT SUCCESS CENTRE

The Student Success Centre has many programs and support services in place to help you achieve your academic and personal goals while studying at Lakehead University. We coordinate new student orientation, provide academic support through tutoring and writing services, and offer career services, co-operative education opportunities and leadership development. Learn success strategies for reading and note taking, study skills, exam preparation, resume and cover letter, job searching, networking and much more. Join our events throughout the year to connect with the Lakehead community!

Connect with us at:

Thunder Bay: ssc@lakeheadu.ca Orillia: orillia.ssc@lakeheadu.ca

STUDENT HEALTH AND WELLNESS



HEALTH
SERVICES



COUNSELLING
SERVICES



WELLNESS

Student Health and Wellness provides a range of **counselling**, **health services**, and **wellness programs** so that you can get the most out of your Lakehead Experience. Student Health and Wellness is an environment that facilitates physical, emotional, intellectual and spiritual health.

- ▶ Health and Medical Services
- ▶ Mental Health and Counselling Services

- ▶ Health Promotion
- ▶ Wellness Programming

Connect with us:

Thunder Bay: health@lakeheadu.ca

Orillia: orluwell@lakeheadu.ca

Explore more here:





INDIGENOUS STUDENTS



Lakehead University is the university of choice for First Nation, Métis, and Inuit learners. We provide a culturally supportive environment to all Indigenous students in a variety of ways:

- ▶ Academic/cultural workshops
- ▶ Referrals to various Lakehead University departments
- ▶ Assistance with applications for funding and bursaries
- ▶ Transitional support including assistance with housing, daycare, referrals to city services, and mental health services
- ▶ Cultural teachings, feasts, sweat lodge ceremonies
- ▶ Counselling

SUPPORT SERVICES FOR INDIGENOUS STUDENTS

Gakina Nindinawemaaganag “All My Relations” Student Lounge is available at the Thunder Bay Campus. It provides an open and comfortable environment where you can access a study area, kitchenette, and computer stations. There is also a cultural room for individual or group sessions with Elders-in-Residence Program. The lounge is a home away from home and a place to create community where you can interact with classmates and make new friends.

The Maawnjigamig “Where We Gather” Academic Support Zone is available on the Orillia campus in the Residence Building. This is a welcoming space with comfortable furniture, a small kitchenette, and is a great place to meet with friends or to study. Students can meet with Elders in the Wellness Centre or in the Wiigwasitig Gitigaan “Birch Tree Garden”. Additionally, the Alumni Commons and the New Sun Indigenous Art Gallery in Simcoe Hall is a great spot to meet up with friends or for quiet study. The Maawnjigamig (Where We Gather) Academic Support Zone, Alumni Commons (Simcoe Hall) and the Indigenous Initiatives Coordinator’s office can also be used for smudging and small gatherings. Students learning online are welcome to study in this space, to gain the support of the university setting and the Orillia Indigenous Initiatives Coordinator.

Connect with us:

Thunder Bay: adm.issc@lakeheadu.ca

Orillia: orillia.ii@lakeheadu.ca



INTERNATIONAL STUDENTS

SUPPORT SERVICES FOR INTERNATIONAL STUDENTS

We are here for you! At Lakehead University International, we welcome students from over 70 different countries. Our International Student Services (ISS) teams at our Thunder Bay and Orillia campuses offer culturally-focused supports and programming that help international students like you transition and succeed in your academic studies, including life and work in Canada. The ISS has international advisors prepared to assist with personal, cultural, financial, immigration, health, and wellness advice and referrals to staff to support you from the day you arrive until the day you graduate.

- ▶ Complimentary Airport Pick-Up Services
- ▶ English Language Centre - accredited by Languages Canada & IELTS Testing Venue
- ▶ Health Insurance coverage
- ▶ Homestay Program for ELC students
- ▶ Emergency Bursary and Loan programs (in Collaboration with Financial Aid)
- ▶ Social & Cultural Activities
- ▶ Immigration specialists on staff for all your student immigration needs
- ▶ International Student Centre & Student Lounge (Thunder Bay)
- ▶ Academic and Culturally relevant workshops

Connect with us: lakeheadu.ca/international



The Lakehead Makes Leaders Completion Certificate

is a five-level, value-added program that helps you build soft skills such as communication, team building, interpersonal skills, growth potential, and more! All are identified as critical by Canadian employers to help students in the Canadian labour market. The capstone project in the final module is a short service internship that allows you to gain valuable Canadian work experience, prepares you with mentorship and support, and empowers you to further your career readiness for the Canadian labour market. Upon completion, Lakehead Makes Leaders levels are added to your Co-Curricular Record.

JUMP is one element of Lakehead Makes Leaders and is part of our online pre-arrival and transitional summer programming.

lakeheadu.ca/jump-program

A photograph of four diverse students sitting on a grassy hill. From left to right: a young woman with long dark hair wearing a green t-shirt with 'LAKEHEAD' on it; a young man with short dark hair wearing a yellow and black hoodie; a young man with short brown hair wearing a grey sweater and sunglasses on his head; and a young woman with long dark hair wearing an orange sweater. They are all smiling at the camera.

RESIDENCE — NO BETTER PLACE TO LIVE

**GUARANTEED
RESIDENCE**
TO ALL
**High School
STUDENTS**

At Lakehead, we **embrace** the fact that you cannot go home every weekend. From the **people** you'll meet to the **laughs** you'll share, living in Residence will become a **whole new way of life**.

LAKEHEAD RESIDENCE ADVANTAGE

- 1 Academic Success:**
Studies show you will perform better academically living in Residence. You will have easy access to the library, tutors, computer labs, and your professors.
- 2 Convenience:**
You are steps away from classes, academic and personal supports, recreational facilities, the cafeteria, and social spots, leaving no wasted time commuting.
- 3 Exceptional Events & Supports:**
Residence life is full of action. Meet people from all over the world and make friendships that will last a lifetime.
- 4 Great Accommodations:**
Comfortable, furnished and spacious rooms with all the necessities.
- 5 Economical:**
Residence living is an all-inclusive expense with no surprises or hidden fees.

BE A PART OF THE ACTION!

Going to University isn't just about going to class! Your Residence Life Team will ensure you always have something to do. Check out some of the amazing events you can be part of:

- Community Events – concerts, hiking trips, ski and snowboarding nights, horseback riding, hockey games and pep-rallies
- On-Campus Activities – dogsledding, basketball, snowshoeing, bonfires, movie nights, escape rooms and more!
- Residence Sports, Mini-Olympics, Fall Fest and Winter Fest
- Residence Semi-Formal
- After first year, apply to be a part of the Residence Life Team: Resident Assistant, House President, Sports Coordinator or Media Coordinator

DID YOU KNOW?

Many students stay in Residence for their whole academic career at Lakehead.



THUNDER BAY CAMPUS

RESIDENCE TYPE:

First-year students are housed in our dorm-style Residence Halls. Each single room is fully furnished with a bed, desk, desk chair, small fridge, closet and dresser. A full meal plan is included with the accommodation package. Residence Halls are divided into Houses of 20-30 students. Each House has a study room, lounge, and card-operated laundry facility.

Upper year students have the option of apartment or townhouse living with the freedom of cooking their own meals, or Residence Halls with a full meal plan.

UNIQUE FEATURES:

Outdoor skating rink, beachball volleyball court, tennis court, walking trails, gymnasium, forest and a river running behind.



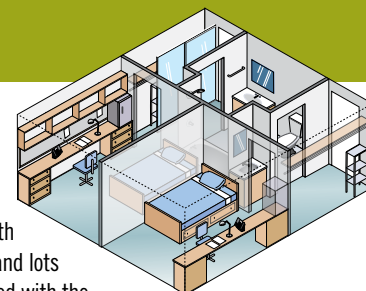
ORILLIA CAMPUS

RESIDENCE TYPE:

Our Residence has 200+ rooms featuring a modern dorm design. Each single room is fully furnished with a bed, desk, desk chair, small fridge and lots of closet space. A meal plan is included with the accommodation package. Residence is divided into Houses of 40 students. Each House has a study room, lounge and card operated laundry facility.

UNIQUE FEATURES:

Each Student has their own single room with a semi-private bathroom. Access to workout room in Residence building.



MEAL PLAN FOR RESIDENCE HALL STUDENTS:

The full meal plan features "all access" dining with rotating menu options, plus \$800.00 of declining balance that can be used at on-campus eateries such as Dan's Diner, Starbucks, Subway, Bento Sushi and many more! All students have access to the Grocery and Meals2Go online ordering service. Vegetarian, vegan, halal, gluten free, and International food options are available.

If you require accommodations due to allergies or dietary restrictions, we will be happy to work with you.

RESIDENCE FEES*

September to April

Basic Single Room with Meal Plan - \$11,512
Single Room with Meal Plan - \$12,716
Townhouse Room - \$8,153
Apartment Room - \$7,740



RESIDENCE MEAL PLANS:

Students choose either a 5-Day or 7-Day meal plan. Both plans include "all access" dining plus \$635 of declining balance dollars which can be used for extra food purchases on campus or take-out meals at the Simcoe Hall Café and Public House. Vegetarian, vegan, halal and gluten free options are available.

If you require accommodations due to allergies or dietary restrictions, we will be happy to work with you.

RESIDENCE FEES*

September to April

Single Room with 5-Day Plan - \$13,288
Single Room with 7-Day Plan - \$13,828



STAYING ACTIVE ATHLETICS

VARSITY TEAMS

Our Thunder Bay varsity teams compete in the Ontario University Athletics (OUA) division of USports (formerly CIS) and our Orillia varsity teams in the Ontario Colleges Athletic Association (OCAA) division of CCAA.

	MEN'S	WOMEN'S	CAMPUS
Basketball	•	•	T
Cross-Country Running	•	•	T
Golf	•	•	O
Hockey	•	•	T
Indoor Soccer	•	•	O
Nordic Skiing	•	•	T
Track and Field	•	•	T
Volleyball	•	•	T
Wrestling	•	•	T

CLUB TEAMS

Club teams are competitive teams that compete in tournaments against other Colleges and Universities across North America.

	MEN'S	WOMEN'S	CAMPUS
Cricket	•		T
Curling	•	•	T
Dance	•	•	O T
Equestrian	•	•	O T
Hockey	•	•	O
Hockey	•	•	T
Rugby	•	•	T
Soccer	•	•	T
Ultimate Frisbee	•	•	T
Volleyball	•		T

Take a **break** from your studies – **embrace** the outdoors, **cheer** on your **Thunderwolves**, and **join the action**.

GO WOLVES, GO!

Show your blue and gold spirit by attending a **Varsity game** and **cheering on our THUNDERWOLVES!**

You will have a blast discovering what it means to be part of the pack and experiencing the thrill of supporting your local hockey players or rooting for the basketball team! You don't have to play to have fun – become a Thunderwolves fan!

Stay up to date on programs and events:

Thunder Bay: thunderwolves.ca • **Orillia:** orilliathunderwolves.ca



CAMPUS RECREATION

Campus Recreation offers you the opportunity to stay fit and active, and meet new people in a supportive and fun environment. Both Orillia and Thunder Bay campuses offer a variety of intramural sports leagues, where you can sign up to play one of your favourite sports, or try out something new! The Thunder Bay campus also offers group fitness classes.





CAMPUS FACILITIES



THUNDER BAY:

A few steps away from residence and our academic buildings, you'll find our on-campus fitness facilities. Stay active at the C.J. Sanders Fieldhouse, a 15,000 square-foot gymnasium, or at The Hangar, a 50,000 square-foot student athletic facility. Constructed in 2021, the 30,000 square foot Wolf Den houses a new gymnasium and bright and spacious weight and cardio rooms. Campus Recreation and Club sports offices are also housed here.

Full access to the athletic facilities is included with your tuition and student fees.

FEATURES INCLUDE:

- Weight Rooms
- Cardio Machines
- Hot Yoga Studio
- Beach Volleyball Courts
- Olympic-sized Swimming Pool
- Indoor 200-metre Track
- Full Indoor Soccer Field
- 'Thunderdome' Gymnasium
- Aerobics Studio
- Outdoor Sports Fields
- Change Rooms & Saunas
- High-Performance Hockey Centre
- Wolf Den Gymnasium
- Kinesiology Labs

ORILLIA:

As an Orillia campus student, you can join one of the active clubs or recreational teams, or try out for a varsity sports team. Enjoy a workout between classes in our new fitness room on campus. Our new outdoor rink provides students the opportunity to skate in the winter and play ball hockey in the fall. With both indoor and outdoor recreational opportunities in Orillia and the region, you will have the opportunity to balance your studies with physical activity to stay healthy.



Join one of
60+
Student
CLUBS

GET INVOLVED

Make sure you get involved and make the most out of your university experience!
This is the best time to work on yourself, try new things and make **memories for a lifetime!**

Whatever it is **you love** – student government, leadership, music, gaming, or volunteering – there will be no shortage of opportunities for you to **get involved in ways that suit your life.**

- ▶ Join one of 60+ student clubs
- ▶ Stroll through Culture Days to explore different countries and cultures
- ▶ Roll up your sleeves and help out at the Community Garden
- ▶ Celebrate our Indigenous culture and traditions at the annual Powwow
- ▶ Run for the Lakehead University Student Union (LUSU)
- ▶ And discover so much more!

LEADERSHIP OPPORTUNITIES

Develop new skills and grow as a person while getting involved in group activities and meaningful projects through various on-campus leadership programs. Our LVLup Leadership Program, Niiiji Indigenous Mentorship Program and Student Ambassador Program allow you to pursue your own personal aspirations while gaining experience and skills that will stand out to future employers.





LUSU

LAKEHEAD UNIVERSITY
STUDENT UNION

FOLLOW US FOR INFO, EVENTS, AND MORE!



@lusu_tbay @lusu_orillia

LUSU.CA

LAKEHEAD UNIVERSITY STUDENT UNION (LUSU)

LUSU is run for students, by students. Become part of the team that ensures students can pursue academic excellence as well as personal and social growth at Lakehead, free from barriers. You can also get involved in one of the LUSU Centres, such as the Aboriginal Awareness Centre, Gender Equity Centre, Multicultural Centre, Pride Central, or the Food Resource Centre. Opportunities to represent the student body on the University's academic governance body, the Senate, and various Senate committees are also great ways to share the student voice and be involved.



ARGUS NEWSPAPER AND LU RADIO

Are you a passionate writer, journalist or creative photographer? Or do you have a love of music and want to share it with the world? Get involved with The Argus or our community FM radio station at our Thunder Bay campus.

HEALTH & DENTAL PLAN

We are proud to offer affordable and accessible extended health and dental coverage. From prescription drugs, to dental, to vision, to paramedical practitioners, travel & accident insurance, and so much more.

UPASS

Our Universal Bus Pass (U-Pass) offers unlimited use of public transit to Lakehead students in both Thunder Bay and Orillia. With our collective purchasing power we are able to secure the lowest transit rates possible by negotiating directly with the local city transit departments.

STUDENT CLUBS, ACADEMIC ASSOCIATIONS AND SOCIETIES

Clubs are the cornerstone of student life at Lakehead. Whether you are interested in sports, movies, video games, politics, or academics, a club exists to fill your need to broaden your ways of thinking and living life. See our website for a list of clubs, academic associations and societies to join. **If you can't find one you like you can start your own!**

You can track your extracurricular and showcase the skills you have learned through the Co-Curricular Record (CCR). The CCR is an ideal way to complement your academic transcript when applying for jobs or to a graduate or professional program.

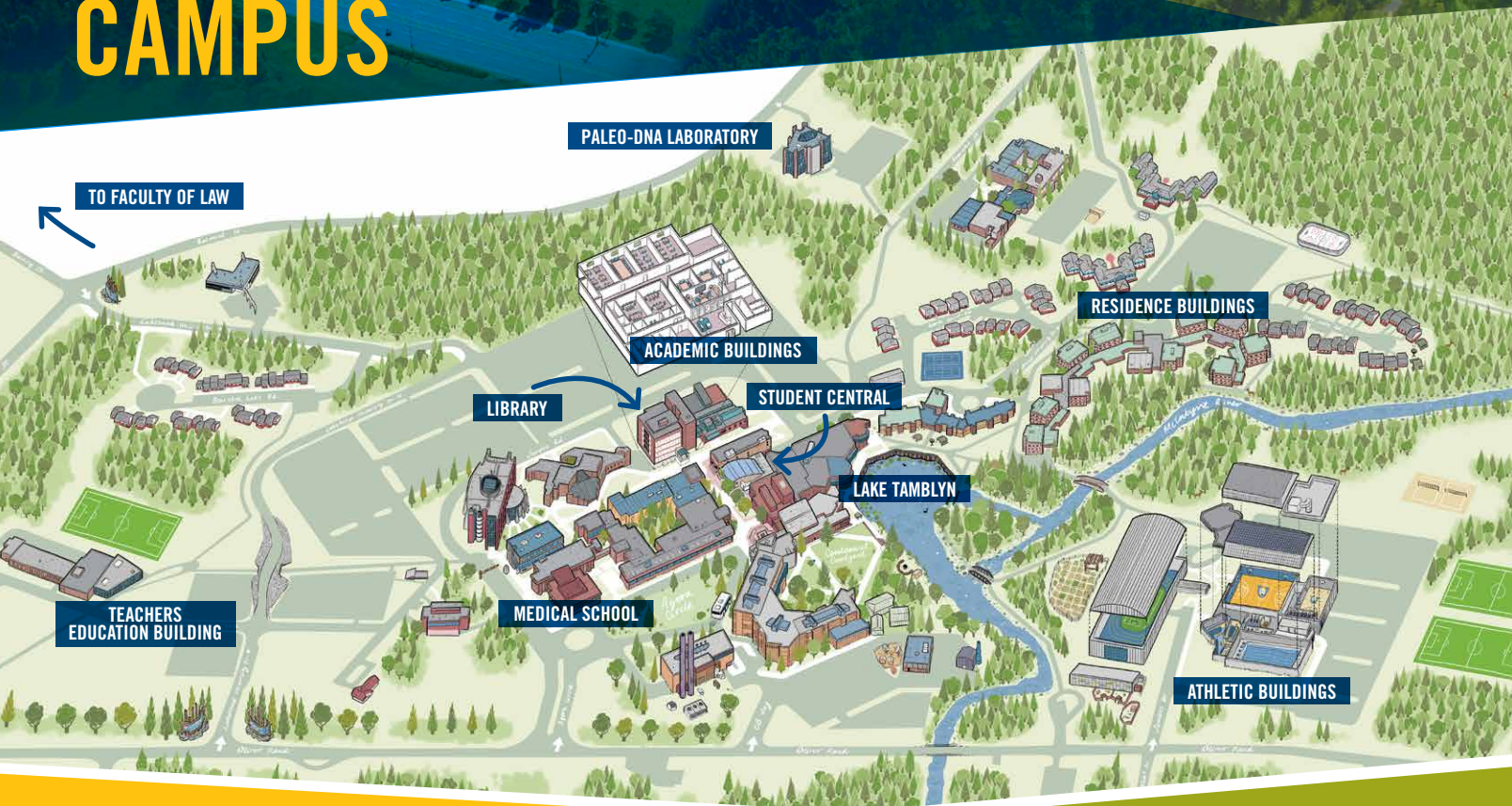
Escape from your studies and enjoy the ultimate outdoor experience right at our campus doorstep.

Both Thunder Bay and Orillia offer close access to some of Ontario's greatest downhill ski resorts and cross-country skiing facilities. After a day on the slopes, relax with friends around a cozy bonfire.

Connecting with yourself is in our nature. Enjoy our natural surroundings and take in our nearby lakes. Or take your yoga mat to some of our beautiful locations on campus to connect simply with yourself.

Grab your hiking boots or bike and explore many of our pristine trail systems in and around the Thunder Bay area and Simcoe County.





Personalized Campus Tours – All Year Round

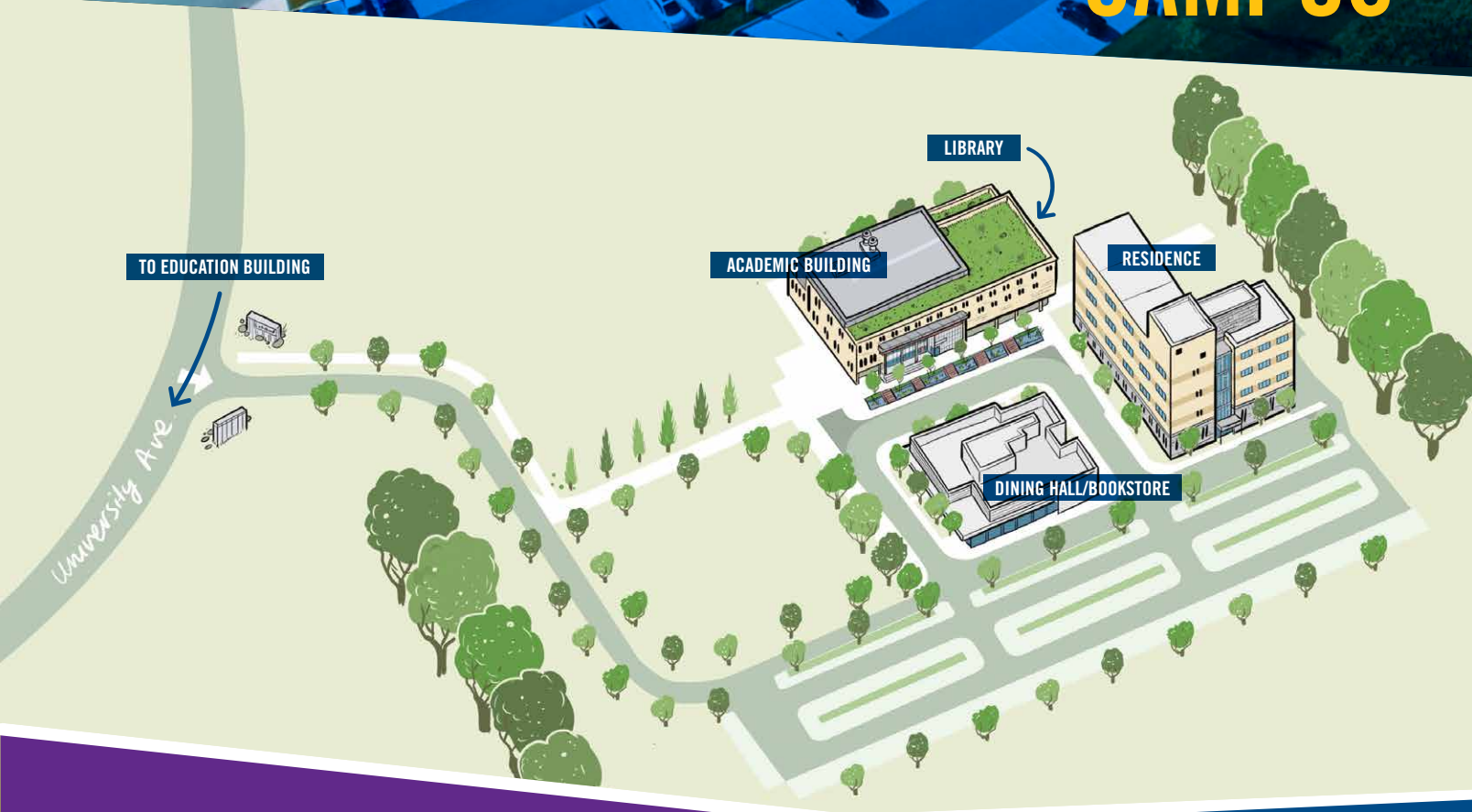
A campus tour is the best way for you to discover that Lakehead is where you belong. Experience for yourself what makes this an exceptional and unconventional place. Spend the day exploring our campuses and the communities we belong to. We offer you a personalized campus tour designed around your particular interests.

Take a Virtual Tour

Take a tour of both our campuses from anywhere in the world! Explore on your own or book through: lakeheadu.ca/admissions/campus-tours



ORILLIA CAMPUS



Campus Tour Bursary

See yourself at Lakehead — up to \$500 available for Grade 12 high school students visiting either campus from more than 150km away. **Receive up to \$500 off your first-year tuition to offset your tour travel costs.**

Book a tour!



UPCOMING EVENTS

Lakehead University offers an education and a student experience like no other. Join us at our upcoming events to learn more about our campuses, our faculty and programs and how we can help you achieve your future academic and career goals. For event details and to register, visit: lakeheadu.ca/admissions/events

Join us!

ONTARIO UNIVERSITIES' FAIR

OCTOBER 1 & 2, 2022

9:30AM - 5:00PM DAILY

Metro Toronto Convention Centre

Visit the Lakehead University booth and chat with our faculty and staff one-on-one about programs, campus life and more.

FALL OPEN HOUSE

SATURDAY NOVEMBER 5, 2022

Orillia Campus, Thunder Bay Campus

Explore our beautiful campuses in Orillia and Thunder Bay while we open our doors to prospective students, family members and supporters. Chat with our academic advisors, explore our campus and learn more about our student services including co-op placement, student awards and financial aid.

FAMILY & SUPPORTERS NIGHT

NOVEMBER 15, 2022 - *Orillia Campus*

NOVEMBER 17, 2022 - *Thunder Bay Campus*

Join us for an evening session geared primarily for parents/guardians of prospective first year incoming students to showcase what makes Lakehead University the best choice for their students post secondary education.

MARCH BREAK OPEN HOUSE

MONDAY MARCH 13 -

WEDNESDAY MARCH 15, 2023

Orillia Campus, Thunder Bay Campus

Explore everything about Lakehead this Spring at our March Break Open House. Meet with future academic advisors, explore our classrooms and take part in opportunities to get to know more about a future at Lakehead.



Visit our Events Page!

Dates subject to change. Please refer to lakeheadu.ca/admissions/events for the most up to date information on events and for registration details.

Important Dates

JANUARY 12, 2023

- ▶ Application deadline for currently enrolled high school students to be considered for first round of offers (101 applicants)
- ▶ All other applicants, please refer to deadlines outlined on the Lakehead University website

APRIL 15, 2023

- ▶ Entrance Bursaries Deadline — first round
- ▶ Specialist High Skills Major Award Deadline

APRIL 25, 2023

- ▶ President's Scholarship Application Deadline

JUNE 1, 2023

- ▶ Deadline to accept an offer of admission via OUAC
- ▶ Deadline for application to residence

JUNE 30, 2023

- ▶ Entrance Bursaries Deadline — second round

Dates subject to change. Should deadlines fall on a weekend or a statutory holiday, they will be accepted up until the end of the day of the next business day. Please refer to lakeheadu.ca/admissions for the most up to date information.

Book a Meeting WITH A RECRUITER

Are you a current domestic high school student? A Canadian resident not currently attending an Ontario University? Looking to switch from an Ontario College or University? Do you have questions about your application or program or how to apply to residence or for scholarships and bursaries? Not sure what your next steps are?

We're here to help! Book a one-on-one private meeting with a Recruitment Advisor today.

lakeheadu.ca/admissions/events#coffee

Lakehead UNIVERSITY



STAY CONNECTED

 @mylakehead
 @mylakehead
 @lakeheaduniversity
 mylakehead
 /lakeheaduniversity

CONTACT US

Undergraduate Recruitment
1-800-465-3959 | recruit@lakeheadu.ca
mylakehead.ca | #mylakehead

Your university years will define the

REST OF YOUR LIFE.

Don't let them be typical.



Lakehead
UNIVERSITY

EXCEPTIONAL. UNCONVENTIONAL.

Take a tour!

