

Graduate Studies at **LAURENTIAN**

■ ■ ■ ■ For all the right reasons



LaurentianUniversity
Université **Laurentienne**

ADMISSIONS 2023

LAURENTIAN

For all the right reasons

Outstanding Programs

Unparalleled Employment Outcomes

Interdisciplinarity Focus

Bilingual Learning Experience

Rich Tricultural Depth

Vibrant and Supportive Research Experience

Gorgeous Campus and Ample Greenspace

Enriched Student Life

Nurturing Residence Living Setting

Engaged and Dedicated Professors

Voyageur Spirit

Safe, Diverse and Welcoming City and Community



Laurentian University is located within the territory of the Robinson-Huron Treaty of 1850, and recognizes its placement on the traditional lands of the Atikameksheng Anishnawbek, as well as its proximity to the Wahnapiatae First Nation.



Laurentian's post-graduation employment rate has **CONSISTENTLY RANKED IN THE TOP 3** among all universities in the province for more than a decade!

96%

post-graduation
employment
(after 6 months)

95%

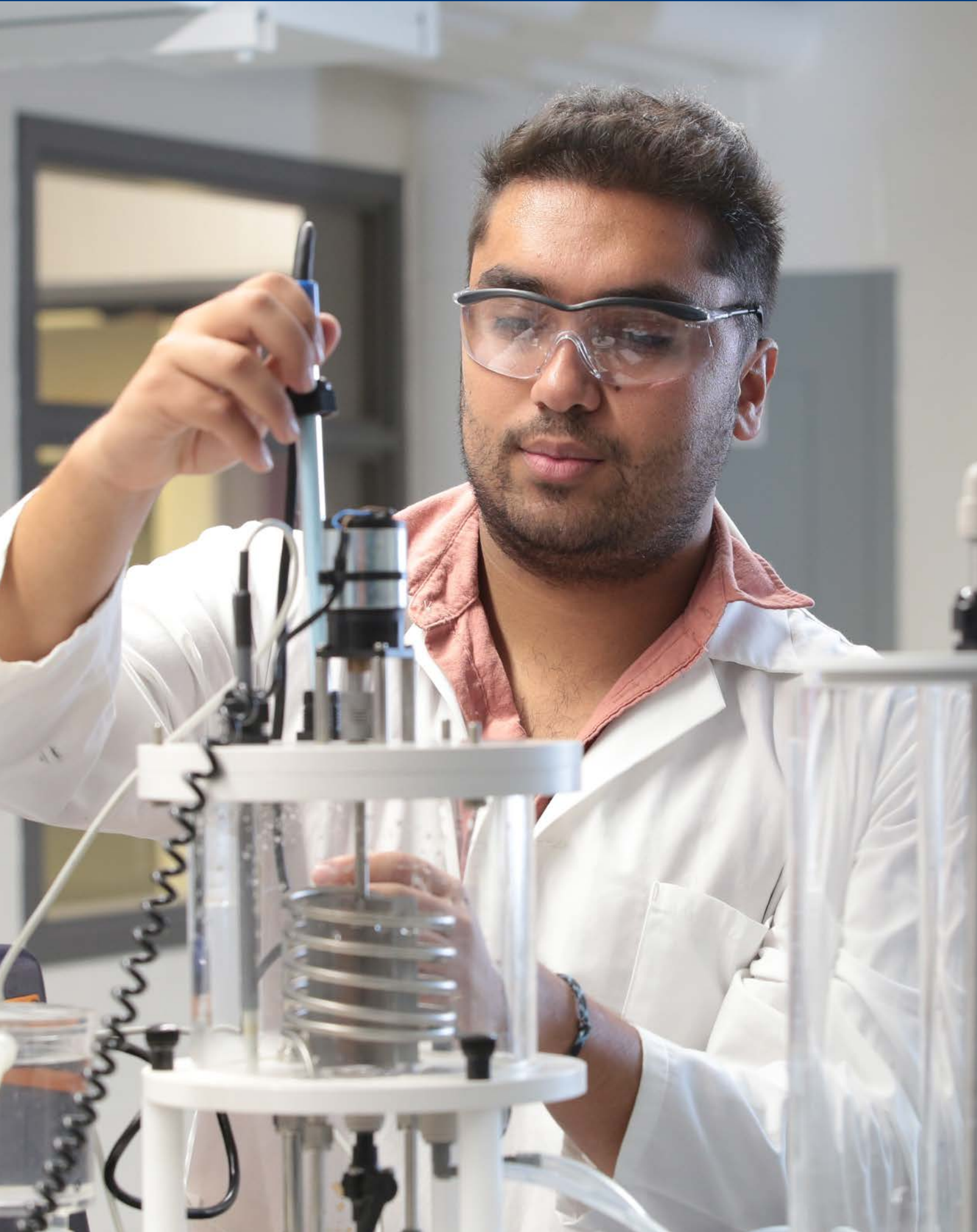
post-graduation
employment
(after 2 years)

Ministry of Colleges and Universities 2021 KPI Surveys

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YOUR GRADUATE COMMUNITY

Welcome to Laurentian University's graduate community – an integral part of our larger research enterprise.

The graduate students of today are challenged to seek solutions to global issues, in every discipline and in every field. Your next steps can open doors to your future, preparing you for achievements that will be impactful and possibly world-changing.

The Graduate Studies Department is home to 1,100 graduate students who are at the frontlines of our extensive research initiatives. Our graduate program offerings include 26 Master's and nine PhD programs. Among the newest are master's programs in Architecture, Health Administration, Études relationnelles, Forensic Science, Engineering Science, and Science Communication, as well as a PhD program in Human Kinetics.

We offer an ideal environment for advanced learning, with small classes and the opportunity to pursue research alongside professors with international reputations. Our graduate curriculum builds on a solid tradition of innovative programs, creativity, collaboration, and ground-breaking research.

We are proud of our value-added, high-quality graduate education that offers you every opportunity to become involved in the invigorating intellectual environment at Laurentian.



5,200
graduate-level
alumni



1,100
graduate
students



26 master's
9 doctoral
programs

Learn more at:
laurentian.ca/graduate-programs and laurentian.ca/research



Together, we can change the world.

With our internationally recognized research initiatives, exceptional student-to-prof ratio, distinct graduate programs and an extensive range of resources, Laurentian offers graduate students a personalized educational experience focused on academic and professional success.

Laurentian is home to a wealth of creative minds, and students benefit from the expertise of professors with international experience. To support our faculty and students, Laurentian has 13 research centres, 181 laboratories and cutting-edge research facilities – some of which are first of their kind in Canada. The campus itself, by nature of its location and setting, serves as a vast outdoor laboratory for research in health, biology, geology and the environment.

Laurentian also benefits from the knowledge and expertise of research leaders who are working to expand our world's depth of knowledge and train the next generation of intellectual minds. Our state-of-the-art facilities and continuously evolving curriculum offer you infinite opportunities. By choosing Laurentian, you are making a decision to participate in a stimulating learning environment that will take you beyond the classroom to a landscape of exploration, sharing and collaboration.



YOUR NEIGHBOURHOOD



170,600+
citizens call
Greater Sudbury
home



Welcome to Sudbury!



Choose your home away from home at the heart of a welcoming community.

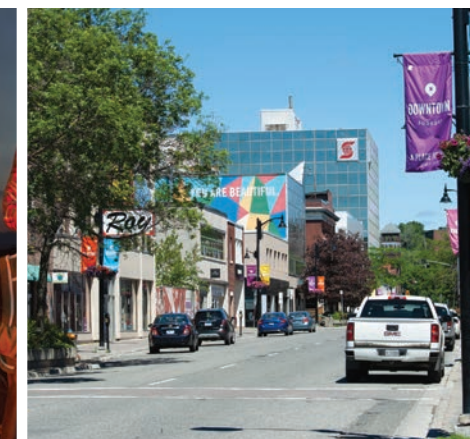
As the Northern Ontario hub for health, education, arts and entertainment, business, government, mining and retail, the City of Greater Sudbury offers the unique advantages of a metropolitan city while remaining a truly tight-knit community. Combined with its enviable natural setting of freshwater lakes and boreal forests, it offers an outstanding quality of life.

- ▶ 330 lakes within the regional municipality
- ▶ 1,300 km of groomed multi-use trails
- ▶ 9 provincial parks within a short driving distance



Watch!

Take a scenic Tour of Bell Park in the heart of the city.





YOUR CAMPUS

Located in the traditional territory of the Atikameksheng Anishnawbek and Wahnapiatae First Nations, our campus is nestled among five freshwater lakes.

Our natural setting is minutes from the downtown area and comprises more than 765 acres of land that adjoin the vast Lake Laurentian Conservation Area. Nature is at the core of the university's identity, and learning here, in this awe-inspiring natural environment, is a true pleasure for the senses.

A community within itself, the campus includes 35 kilometres of groomed multi-use trails, athletic facilities, a private beach, a full-service amphitheatre, a planetarium (the largest in Northern Ontario), an observatory, and Northern Ontario's largest library with more than one million holdings, electronic information systems and a student-centric learning commons.

The campus boasts 450 study spaces, upgraded dining facilities, a one-stop student services counter, and cutting-edge labs. The Cliff Fielding Research, Innovation and Engineering Building features makerspace workshops and entrepreneurship labs.

- ▶ 765 acres of conservation land to explore
- ▶ 60 renovated classrooms and teaching labs
- ▶ 5 freshwater lakes adjoining campus
- ▶ 13 research centres
- ▶ Plenty of new study and recreational spaces
- ▶ Outstanding campus location and facilities
- ▶ Panoramic views
- ▶ Private campus beach



◀ Watch!

Take an aerial tour of campus.



BILINGUAL
TRICULTURAL
DIVERSE
INCLUSIVE



LIFE IN RESIDENCE



We're confident you'll feel at home from the first day onward!

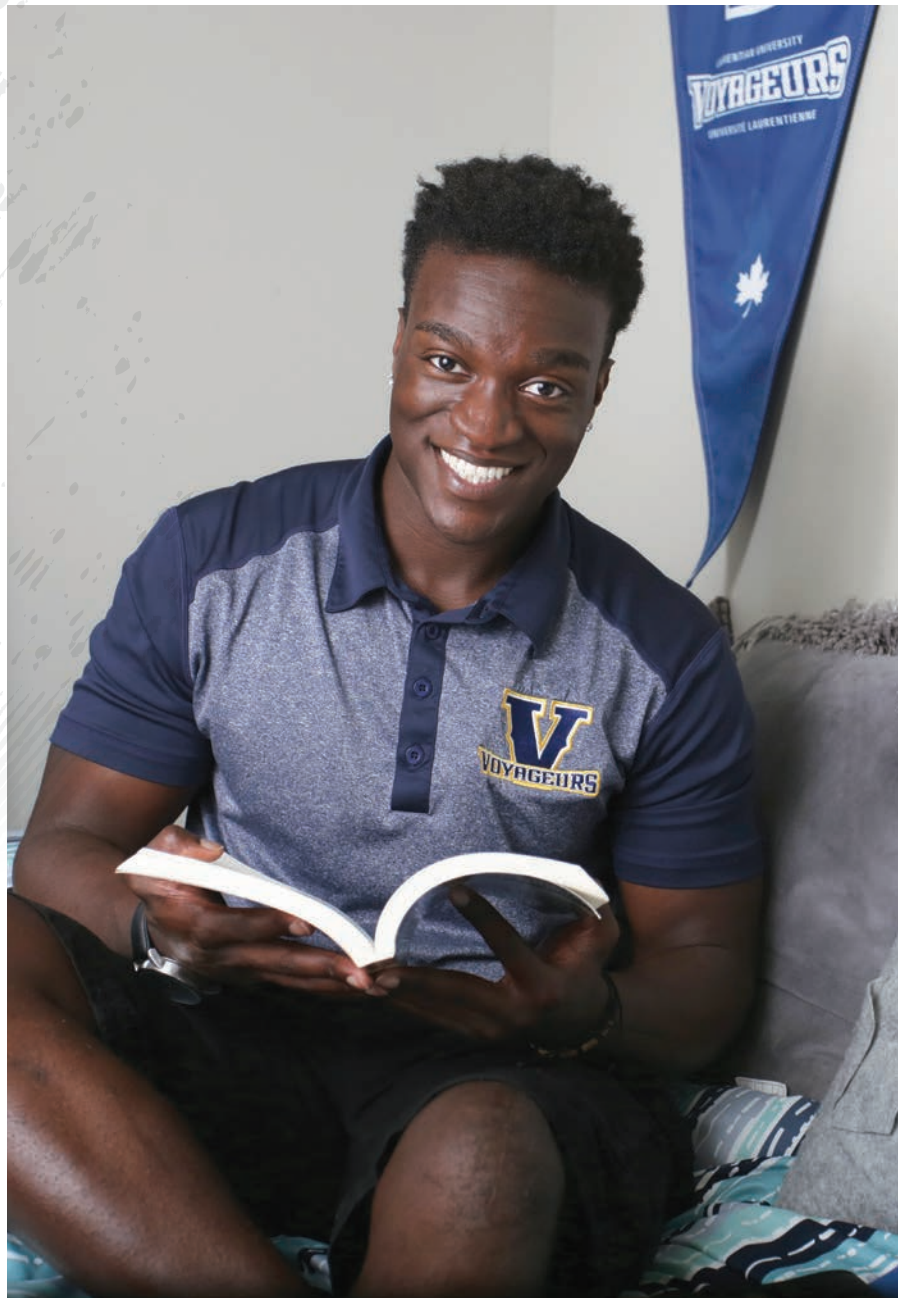


1,376
student spaces
in residence

You're well on your way to becoming a graduate student and you may well be considering living in residence.

What you'll find at Laurentian are flexible and comfortable residences that will feel like home – only better. Here, YOU get to design your own lifestyle and live in a community of like-minded students.

Life in residence offers many advantages: a welcoming environment where you'll meet students with shared interests, as well as close proximity to classes, health and fitness facilities, study spaces and a multiplicity of resources.



- ▶ Supportive, engaged community
- ▶ Safe and secure environment
- ▶ Doorstep transit service
- ▶ 100's of residence activities
- ▶ 24/7 access to staff



Residence activities to look forward to:

- ▶ Weekly dance fitness and yoga
- ▶ Sunday sports
- ▶ Residence hockey league
- ▶ Airbandz for Cancer
- ▶ LU's Got Talent
- ▶ ResFest
- ▶ Annual baseball tournament
- ▶ Residence formal and awards
- ▶ Themed wellness weeks
- ▶ Floor activities and programs
- ▶ TGIFs-weekend substance-free social events



Watch! ▶
Mihir Trivedi shares his experience of life in residence.



Residence Options

The convenience of living in residence should be a consideration you take into account.



East Residence



Mature Student Residence



West Residence



University College Residence



Single Student Residence



Huntington Residence

Steps away from classes and study spaces, our dorm- or apartment-style residences offer all of the amenities of home and provide you with a jump start on student life.

Residence Fees*	Double	Single	Deposit
East Residence	•	\$8,998	\$500**
Mature Student Residence****	•	\$9,846	\$550**
West Residence	•	\$8,998	\$500**
University College	\$7,475	\$8,739	\$500**
Single Student Residence	\$7,475	\$8,739	\$500**
Huntington Residence***	\$5,625	\$6,705-\$7,785	\$550

For your convenience:

- ▶ Free WiFi
- ▶ Computer labs
- ▶ Convenience store
- ▶ Exercise room
- ▶ Games room
- ▶ Theatre room
- ▶ Health services
- ▶ Wellness services
- ▶ Laundry facilities
- ▶ Secure environment



*Fees pertain to the 2022-2023 academic year. Fees for 2023-2024 were not available at the time of print.

**Includes a \$100 refundable damage deposit. Transfer students can expect. Further updates will be found at: laurentian.ca/accommodations.

***Includes a \$200 refundable caution fee deposit. Further updates will be found at: huntingtonu.ca/students/residence. Huntington residence, located on campus, is independently operated.

****Mature Student Residence features one bedroom (furnished or unfurnished) apartment-style units for students over 25 years of age.

Couples and families are welcome. Units can accommodate families of 2 adults and 2 children. Additional fees apply for furnished units.

Meal Plan Options

Dining on campus – **A balanced lifestyle includes healthy food choices.**



Vegan • Sustainable seafood • Vegetarian • Gluten-free • Locally grown • Halal



Alphonse Raymond

- Tim Hortons
- Marché Alphonse

Classroom Building

- Tim Hortons

Fraser Building

- Tim Hortons Express

Great Hall

- Bubble Tea Outlet
- Marché Dining Hall
- Subway

Parker Building

- Pub Downunder

Residence Street

- Cravings Convenience
- Quesada, Burritos and Tacos
- Tim Hortons Express

Operated by Chartwells.

Student Centre

- Old Rock Café

There's a plan that's just right for you!

Residence Meal Plans (required for first year students living in Residence*)

FREEDOM (maximum flexibility)	Enjoy unlimited access to the Dining Room during regular hours of operation.	\$5,268 (tax exempt). Includes \$200 tax free Flex Dollars, plus 5 guest passes
HEARTY EATER (up to 375 meals)	Plan-holders may enter the Dining Room once during any meal period.	\$5,089 (tax exempt) Includes \$300 tax free Flex Dollars
COMMUTER (up to 320 meals)	Plan-holders may enter the Dining Room once during any meal period.	\$4,617 (tax exempt) Includes \$450 tax free Flex Dollars
LIGHT EATER (up to 250 meals)	Plan-holders may enter the Dining Room once during any meal period.	\$3,976 (tax exempt) Includes \$650 tax free Flex Dollars

Optional meal plans for non-residents

Block of 35 meals	\$ 545
Block of 75 meals	\$1,150
Block of 150 meals	\$2,025

*A meal plan is required for all students residing in Single Student, University College, East and West residences.

Meal plan fees are for 2022-2023. Further updates will be found at: laurentian.ca/food-services.



BALANCE YOUR LIFESTYLE

As a Laurentian student, you'll find plenty to do and experience.



At Laurentian, we care about your well-being.

We understand that a healthy lifestyle supports and strengthens academic success. Our world-class recreation centre and surrounding outdoor tracks, trails, and fields provide the perfect setting for all your wellness goals. Beyond the busy life on campus, you'll find plenty to do and enjoy in your host city. Leisure activities run the full gamut from adventure and arts, all the way to yoga and paddle boarding. There's something here for every aspect of your personality, interest, and energy level.

- ▶ 4 well-appointed multi-use gyms
- ▶ 35 km of multi-use trails
- ▶ 15m Tango Tower challenge course
- ▶ 8m climbing towers
- ▶ 400m outdoor track
- ▶ 200m indoor track
- ▶ 11 km ski trail system



The combined efforts of the student associations, student clubs, and residences make for a flurry of activities and events on and off campus.



Student Centre

The Student Centre serves as the hub between student living quarters, the main campus buildings and food services. It's where you'll find the SGA offices and information desk (V-Desk) as well as a photography studio and Old Rock Coffee shop. The functional space of the building features an atrium with study and lounge facilities, private study rooms, an open-concept games room and a clubs room. Full access is provided to SGA members or through the purchase of a membership pass!



YOUR SUCCESS

Our students thrive in an environment that supports their academic success.



It all starts with a personalized approach to teaching, extensive infrastructure for individual student coaching and assistance, and genuine caring for each student's wellbeing. Here, you will find a full complement of academic resources and supports:

Campus Security

- Year-round 24/7 service
- Work Alone Program
- Safe Walk Program
- LUCERT Campus Emergency Response Team

Career and Employment Services

- Many job opportunities on campus

Centre for Continuing Learning

- Laurentian Online
- 26 program options and 380+ courses fully delivered online
- Ranked 2nd in Canada for online delivery (University Magazine 2021)

Daycare Services

- Laurentian Child and Family Centre
- Garderie Touche-à-tout (francophone)

Equity, Diversity and Human Rights Office

Health and Wellness Services

- Registered nurses and nurse practitioners on staff and access to a primary care physician by appointment

Indigenous Sharing and Learning Centre

International Student Services

Liaison Services

- School visits, campus tours, Open House, academic pathways discussions

Library and Archives

- 1.5 million resources at the tip of your fingers!
- Research workshops and assistance

Multi-faith Prayer Space

MyLaurentian Hub

- Admissions, Records, Fees and Awards

Pride@LU

Printing Services

Recreation

Residence Life

Safer Space Program

- Nurturing environment for our LGBTQ2S+ community

Student Success Centre

- Orientation, Transition and Advising Support
- Counselling and Accessibility
- Learning Commons

Voyageurs/Varsity Athletics

Women's Centre



VOYAGEURS

VARSITY SPORTS AT THEIR BEST!

If you see yourself competing for the Voyageurs in our featured sports, we want to hear from you!

- ▶ Baseball (men's only)
- ▶ Basketball
- ▶ Cross Country
- ▶ Curling
- ▶ Golf
- ▶ Indoor Track
- ▶ Nordic Skiing
- ▶ Rowing
- ▶ Soccer



Athletic Scholarships – As a Voyageur athlete, you will be dedicating a great deal of time to your studies, training and competitions, with fewer opportunities than most for part-time employment.

We recognize the importance of financial support for our athletes. Laurentian's athletic scholarships and entrance bursaries are generous and wide-ranging. It is important to investigate them early on and determine how to qualify.



- ▶ 220+ Voyageur athletes
- ▶ 150 varsity events
- ▶ 17 varsity teams
- ▶ 12 national championships
- ▶ 63 provincial championships

Watch!

Our Laurentian Voyageur athletes in action.



GET READY TO MAKE SOME NOISE!



Make a point to join the legendary Laurentian Voyageurs PotBangers!



ANISHINAABE CULTURE



Celebrating Anishinaabe culture and the sharing of traditions and knowledge are part of everyday life on campus.



250+ activities, workshops, events



Experience. Learn. Share.

As a Laurentian student, participation is easy and one of the best ways to create a wide network of friends.

Some of the favourite Indigenous Student Affairs (ISA) events and activities include: *Biidaabin*, Orange Shirt Day, ISLC All-Nighter, Indigenous Student Celebration, Métis Cultural Day, *Nakiwin Tek*, Red Dress Campaign, Moose Hide Campaign, ceremonies, cultural teachings, and workshops, academic workshops and mental health awareness.

Ongoing engagement opportunities include traditional ceremonies, language learning, storytelling, cultural workshops, lecture series, student project fairs which are hosted by the Indigenous Student Affairs office and the Indigenous Students Circle.

Our campus is greatly enriched by an active and engaged Indigenous community and the shared learning approach of the Indigenous Student Affairs Office.





MONEY MATTERS

Tuition fees for graduate-level studies are listed below:

MASTERS (2 YEARS) – PER CREDIT	Total credits	Tuition – Domestic per 3-credits*	Tuition – International per 3-credits*
Architecture, M.Arch	45 credits	\$853.40	\$2,055.50
Business Administration, MBA	30-45 credits	\$1,234.10	\$4,053.70
Computational Sciences, M.Sc.	30 credits	\$1,234.10	\$2,880.00
Chemical Sciences, M.Sc.	24 credits	\$1,787.91	\$2,880.00
Engineering, M.Eng.	30 credits	\$1,234.10	\$2,880.00
Geology – Applied Mineral Exploration, M.Sc.	24 credits	\$1,234.10	\$3,265.40
Nursing – Adv. Practice, M.Sc.N.	30 credits	\$1,234.10	\$2,880.00
Social Work, MSW	30 credits	\$1,234.10	\$1,988.95

MASTERS (1 YEAR) – PER CREDIT			
Science Communication, M.Sc.Com.	33 credits	\$1,033.00	\$1,988.95
Science Communication, G.Dip.	27 credits	\$1,033.00	\$1,033.00

MASTERS (2 YEARS) – TRIMESTERED (6 TRIMESTERS)	Tuition – Domestic per trimester*	Tuition – International per trimester*
Applied Psychology, MA	\$2,860.65	\$7,018.60
Biology, M.Sc.	\$2,860.65	\$7,018.60
Chemical Sciences, M.Sc.	\$2,860.65	\$7,018.60
Computational Sciences, M.Sc.	\$2,860.65	\$7,018.60
Engineering - Applied Science, M.Eng.	\$2,860.65	\$7,018.60
Engineering, M.Eng. (project based)	\$2,860.65	\$7,018.60
Geology, M.Sc.	\$2,860.65	\$7,018.60
Human Kinetics, MHK (Thesis or Major project)	\$2,860.65	\$7,018.60
Indigenous Relations, MIR	\$2,860.65	\$7,018.60
Interdisciplinary Health, M.Sc. or MA	\$2,860.65	\$7,018.60
Nursing, MScN	\$2,860.65	\$7,018.60
Orthophonie, MScS (Offered in French only)	\$2,860.65	\$7,018.60
Primary Care Nurse Practitioner, MScN	\$2,860.65	\$7,018.60
Nursing, M.Sc.N., G.Dip. (course-based post NP)	\$2,860.65	\$7,018.60

MASTERS (1 YEAR) – TRIMESTERED (3 TRIMESTERS)		
Forensic Sciences, MFS	\$4,356.00	\$9,181.00
Forensic Sciences – Molecular Biology, MFS	\$4,356.00	\$9,181.00
Forensic Sciences – Chemistry/Toxicology, MFS	\$4,356.00	\$9,181.00

DOCTORATES – TRIMESTERED	Tuition – Domestic per trimester*	Tuition – International per trimester*
All programs, PhD	\$2,860.65	\$7,180.50

* Fees do not include incidentals or UHIP coverage. Fees are for the 2022/2023 academic year. Refer to our website for up-to-date details including incidentals: [laurentian.ca/fees-financing/graduate-tuition](https://www.laurentian.ca/fees-financing/graduate-tuition).

Funding your future

Laurentian offers a variety of financial supports to its students including graduate teaching or research assistantships, summer fellowships, travel grants, scholarships and bursaries.

Many full-time graduate students are eligible for a graduate student stipend that consists of a graduate teaching assistantship and a summer fellowship. There is also the possibility of participating in grant-funded research currently underway. Students are encouraged to apply for external support from the Natural Sciences and Engineering Research Council of Canada (NSERC), the Social Sciences and Humanities Research Council of Canada (SSHRC), the Canadian Institute of Health Research (CIHR), as well as the Ontario Graduate Scholarships from the Ministry of Colleges and Universities.



Graduate Scholarships and Bursaries

Scholarships and bursaries are also available to Laurentian graduate students. We encourage you to explore your options and discover the opportunities available. Learn more at: [laurentian.ca/faculty/graduate-studies](https://www.laurentian.ca/faculty/graduate-studies).

Prerequisites for Admission

To be considered for admission to a master's degree program at Laurentian, applicants should hold the equivalent of a 4-year bachelor's degree at the undergraduate level. For most programs, the minimum cumulative GPA required for consideration is 70%. Individual departments may require a higher entry average. It is important to review the admission requirements as outlined by your program of interest.

Applicants who are not admissible to a master's program but possess an undergraduate degree may be eligible to complete a Qualifying Year in order to increase their eligibility to the master's program. Successful completion of a Qualifying Year does not guarantee admission to a master's program.*

To be considered for admission to a doctorate program, applicants should hold the equivalent of a master's degree in a related discipline. For most programs, the minimum cumulative GPA required for consideration is 70%. Individual departments may require a higher entry average. It is important to review the admission requirements as outlined by your program of interest.

For more information on applying to a Graduate program at Laurentian University, visit our website at [laurentian.ca/admissions/graduate](https://www.laurentian.ca/admissions/graduate) or contact our Office of Admission at 1-800-263-4188 or by email at admissions@laurentian.ca.

*Not all academic departments offer a Qualifying Year.

Graduate Student Funding Opportunities*

At Laurentian, graduate students with a GPA of 75% or higher may be eligible for a graduate teaching assistantship position in their field of study.*

GPA 75%+	Master's \$9,180	PhD \$13,307
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*Students in course-based masters programs are not eligible for a GTA. Listed are approximate amounts available at the time of print.

Please refer to [laurentian.ca/graduate-studies](https://www.laurentian.ca/graduate-studies) for the most up-to-date information.



GRADUATE PROGRAMS



The Graduate Studies department is home to more than 1,100 graduate students who are in the frontline of extensive research initiatives. Our offerings include 26 Master's and nine PhD programs.

We offer an ideal environment for advanced learning, with small classes and the opportunity to pursue research alongside professors with international reputations. Our graduate curriculum builds on a solid tradition of innovative programs, creativity, collaboration, and ground-breaking research. We are proud of our value-added, high-quality graduate education that offers you every opportunity to excel and push the boundaries of knowledge.

MASTER'S DEGREES

Architecture (M.Arch.).....	E*
Biology (M.Sc.).....	E
Business Administration (MBA).....	E
Chemical Sciences ■ (M.Sc.).....	E
Computational Sciences ■ (M.Sc.).....	E
Engineering Science (M.A.Sc.).....	E
Engineering Science – Applied ■ (M.Eng.).....	E
Engineering Science – Fast Track ■ (M.Eng.).....	E
Études relationnelles – Interdisciplinaire ■ (M.A.)....	F
Forensic Sciences ■ (MFS).....	E
Forensic Science + Biology ■ (MFS).....	E
Geology (M.Sc.).....	E
Geology – Applied Mineral Exploration (Accelerated) ■ (M.Sc.).....	E
Health Administration ■ (MHA).....	E
Human Kinetics ■ (MHK).....	E
Indigenous Relations (MIR).....	E
Interdisciplinary Health ■ (MA, M.Sc.).....	E
Nursing ■• (MScN).....	E
Nurse Practitioner (M.Sc.N.-NP).....	E/F
Orthophonie (Speech Language Pathology) ■ (M.Sc.S.).....	F
Psychology – Applied (MA).....	E
Science Communication (M.Sc.Com.).....	E
Sciences infirmières • (M.Sc.Inf.).....	F
Service Social (M.S.S.).....	F
Social Work ■ (MSW).....	E

DOCTORAL DEGREES

Biomolecular Sciences (PhD).....	E
Boreal Ecology (PhD).....	E
Engineering Science (PhD).....	E
Human Kinetics (PhD).....	E
Human Studies and Interdisciplinarity (PhD).....	E/F
Materials Science (PhD).....	E
Mineral Deposits and Precambrian Geology (PhD)....	E
Rural and Northern Health (PhD).....	E

POST-GRADUATE DIPLOMA

Nurse Practitioner (G.Dip.).....	E/F
Science Communication (G.Dip.).....	E

PROFESSIONAL DEGREES

Éducation (B.Éd. consécutif).....	F
Éducation (B.Éd. consécutif hybride).....	F

E = offered in English

F = offered in French

* = some courses available in French

• = possibility of combining with Nurse Practitioner Graduate Diploma program (MScN-NP)

◆ = pending approval

■ = course-based option available



MASTER'S PROGRAMS

ARCHITECTURE (M.Arch.)

The program draws upon the study of northern community needs coupled with an integrated approach to building systems for northern climates. Areas of study for advanced graduate work include building with wood, design for climate change, architectural history and theory, making and digital processes.

The program length is two-years, with a continued focus on experiential learning through design-build and community design projects. Year-One design studio options include Craft & Technology, Community, and Indigenous Design. Studios include national and international travel components. In the following two terms students complete cooperative learning placements in professional architecture offices locally, nationally and internationally. Year-Two is devoted to a research design thesis. Students work individually with a faculty advisor. The thesis is supported by group classes on research methodology and making.

The knowledge and skills gained in this fully accredited program prepares students to become licensed professional architects, as well as work in a variety of related fields including urban design, community planning, sustainable design, environmental design, graphic design, manual making and digital fabrication.

BIOLOGY (M.Sc.)

Available to both full-time and part-time students, the program is a combination of thesis and course work. Research areas include molecular and cell biology, animal and plant biology, and ecology and evolution. Work to solve important issues in your area of interest, such as disease management and research, natural resource management and conservation, public health, animal care, and impacts of pollution on the environment and organisms.

BUSINESS ADMINISTRATION (MBA)

With a fully revitalized curriculum, the MBA program is available in a flexible format, allowing for full-time or part-time studies completed online, on-campus or through a combination of both formats. The fast-track option for business graduates provides recognition towards foundations courses, allowing for the completion of the program in less than one year.

Building on core business foundations, the MBA program provides students with the knowledge and skills needed to take their clients' business to the next level. Courses focus on ethical leadership, advanced financial and marketing concepts, managing information systems, business strategy, and explores the complexities of managing within a global context. In addition to the existing

general MBA option, students will have an opportunity to choose a pathway from the following: Global Management, Analytics and Operations, and Finance (under construction). Recent graduates will be required to complete a work integrated learning program.

■ **Course-based option available.**

CHEMICAL SCIENCES (M.Sc.)

Study the building blocks essential to creating the foundation for all matter in the world. Discover the common thread of chemistry as it exists within all sciences. Apply your knowledge to the challenges and technological innovations possible in today's modern world. Choose from many areas of interest including analytical chemistry, biochemistry, environmental chemistry, physical and theoretical chemistry, organic chemistry, and surface modifications.

Choose to complete your degree through coursework and a thesis, or through coursework and a critical review essay. Benefit from the personal advisory committee assigned to assist you throughout your degree.

■ **Course-based option available.**



COMPUTATIONAL SCIENCES (M.Sc.)

Study advanced applications of computer science and how it can help people in everyday life. Apply your knowledge to improve many daily functions, from complex operations to everyday solutions.

Study a wide range of subjects from data mining, machine learning, image processing, human-computer interaction, intelligent systems, bioinformatics, and other exciting areas. Prepare for the design and use of sophisticated computational methods in research and industry. Other areas of study include software engineering, scientific computation, high performance computing, computational statistics and optimization methods and techniques to solve business, industrial, medical, and scientific problems.

The program offers a thesis-based option and a course-based option. Thesis-based option requires a supervisor to guide the research leading to a thesis.

■ **Course-based option available.**

ENGINEERING SCIENCE (M.Eng., M.A.Sc.)

Laurentian's strategic location at the heart of one of Canada's most important areas of natural resources exploitation makes it an ideal location to pursue graduate studies in Engineering. In proximity to the mining operations of companies like Vale, Glencore, Newmont, Iamgold, and mines in northwestern Quebec, as well as large scale wood processing facilities in Espanola, it is at the center of a vibrant and growing services sector for engineering and natural resources industries. These long-standing operations have created a unique natural laboratory for the study of environmental impact, management and ecological recovery issues.

The Bharti School of Engineering and Computer Science offers a thesis-based M.A.Sc. and a PhD in Engineering Science, and a course-based/fast-track and project-based M.Eng. in Engineering Science which include but are not limited to the following topics: mining engineering; robotics, automation, and advanced technologies; metallurgy; mineral

processing; and chemical process and bioprocess engineering. These programs were developed in consultation with local industry, as interdisciplinary programs admitting students with engineering and science degrees. They provide continuing and advanced education to practicing engineers and scientists while continuing their employment, and to recent graduates and other engineers who wish to pursue a graduate degree on a full-time or part-time basis.

■ **Fast-track course-based option available.**

ÉTUDES RELATIONNELLES (Interdisciplinary M.A.)

This unique interdisciplinary French-language program in relational studies encompasses all arts disciplines at Laurentian University. The convergence of these disciplines is at the core of the program, which examines the commonalities and differences between methods and theories the disciplines use to interpret and analyze practices and pragmatic issues in society, history, ethics, politics, economics, health, law, literature, linguistics and culture in a broader sense.

Not only does the program emphasize the practices, pragmatic issues and problems (economic, social and political) from the perspective of relevant theories, it also enriches and improves theories by challenging them and applying them to the practices, issues and problems arising in the community. The French-language interdisciplinary Master of Arts in relational studies includes three streams (more details in section 3): cognition and communication, societal studies and French studies.

FORENSIC SCIENCE (MFS)

The first graduate degree program in Canada with a specific focus on forensic science practice, this unique program is based heavily on the development of skills with direct relevance to the practical application in a forensic science context. Based on current professional practices and challenges in forensic science, students will have the opportunity to choose a general forensic science focus, or to specialize in forensic molecular biology (DNA analysis and serology) or forensic chemistry/toxicology.

The program provides students with the opportunity to gain upper level knowledge in their area of specialization as well as gain essential laboratory skills necessary to synthesize, conduct and report graduate-level research successfully.

■ **Course-based option available.**

GEOLOGY (M.Sc.)

Specialize your geological knowledge and gain hands-on experience under the supervision of some of Canada's most prolific and renowned researchers and geologists. Choosing to study at the Harquail School of Earth Sciences provides students with a focused and funded thesis project, as well as access to lab and field equipment, all located within a global geology and mining hub. Projects are available in all fields of geology, including economic geology, mineralogy, experimental and field petrology, geophysics, geochemistry, volcanology, structural geology, environmental geology, paleontology, sedimentology, and glaciology.

■ **Thesis-based**

GEOLOGY – APPLIED MINERAL EXPLORATION, Accelerated (M.Sc.)

The M.Sc. in Geology - Applied Mineral Exploration (Accelerated) is designed for geologists who wish to upgrade their skills by taking an intensive, one-year, course-based degree program. This program does not require a thesis, but students may opt to conduct a research project, which may benefit their employer, community, and/or the research community.

■ **Course-based option available.**

HEALTH ADMINISTRATION (MHA)

Many health care providers, who are educated to practice in their field, transition to administrative positions without the requisite foundation of knowledge. The Master's of Health Administration not only delivers a comprehensive curriculum related to health care in Canada, it also takes aim at specific, essential features of our health care system.

Delivered fully online and offered in English, the program embeds fundamental content related to Indigenous health administration in all its courses and students must complete a certificate in Indigenous Cultural Safety as a requirement for graduation. The curriculum is designed to combine both theoretical and descriptive content with real-world experiences and culminates with a capstone project. A graduate from this program will be skilled and adept in management, and competent leadership in health care organizations located in rural and remote areas as well as in urban settings.

■ **Course-based and online options available.**

HUMAN KINETICS (MHK)

Complete research related to physical education, sport, fitness, health, or wellness within Canadian and international contexts. Discover the science of sport, physical exercise, and how it applies to human health. Develop your knowledge and practical skills related to community health promotion, chronic

disease prevention, and rehabilitation. Understand and explore the limits of human movement throughout the lifespan.

Apply your focus to biomechanics, exercise physiology, and psychomotor behavior, sport psychology and the psycho-social contributions to human movement. Prepare for a career in research, teaching, and industry. Become a part of the preventative health care field.

■ **Major paper option available.**

INDIGENOUS RELATIONS (MIR)

Work more effectively with Indigenous people by learning about Indigenous research, worldviews, traditional teachings, theories, and practices. Bring your knowledge and skills to Indigenous communities on a local, national, and international scale.

Learn to develop research proposals, and policies for social, political, environmental, and health organizations with a thorough understanding of the Indigenous perspective. Obtain a better understanding of the issues facing the Indigenous population in Canada today and how to effectively build relationships with those communities.

INTERDISCIPLINARY HEALTH (MA, M.Sc.)

The Master's in Interdisciplinary Health, offered in a synchronous remote delivery format, allows you to take an interdisciplinary approach to gain a deeper understanding of the breadth of sociocultural, political, psychological, biological and environmental factors that intersect to influence the health of individuals and communities.

Develop essential skills for research, information management, analysis, interpretation, and communication. Explore one of three streams: an M.Sc. research thesis option, an M.A. research thesis option or an M.A. course intensive major paper option.

■ **Major paper option available.**

NURSING (M.Sc.N.)

The Master's of Science in Nursing (MScN) program produces graduates who have the knowledge, values, attitudes and competencies reflecting the philosophy, nature and scope of nursing in northern, rural and remote communities. The students will develop a richer understanding of the discipline of nursing and its relationship to the context of healthcare service delivery and policy issues. The program also broadens learners' understanding of nursing by encouraging them to engage with scholars from other departments and disciplines as well as those with other professional experiences.

There are two streams in the program: Thesis and Advanced Practice Nursing (course-based). Both streams in the MScN program are delivered remotely, designed for mature learners who do not reside in Sudbury. Laurentian University offers 4 masters programs in French and in English that focus on research or clinical practice. All program outcomes are informed by the Canadian Association of Schools of Nursing's four guiding principles for masters nursing education programs:

- Provide a comprehensive and substantive understanding of nursing knowledge, and a critical awareness of complex problems and/or new insights.
- Foster the ability to contribute to nursing knowledge through systematic inquiry, knowledge development, translation, and scholarship.
- Provide practice-based learning experiences to foster the use of the best available evidence, theories, and expertise in an advanced nursing role.
- Prepare students to use advanced communication, collaboration and consultation abilities to participate and lead in diverse contexts.

■ **Course-based option available.**

NURSE PRACTITIONER (M.Sc.N.-NP)

Graduates of an undergraduate program in nursing are eligible to apply to the combined Master's in Nursing and Nursing Practitioner Graduate Diploma option available at Laurentian, to obtain their M.Sc.N.-NP designation.

A nurse practitioner is:

- An experienced registered nurse with advanced education, skills, and extended class (EC) registration with the College of Nurses of Ontario.
- Has the independent authority to perform controlled acts beyond those available to Registered Nurses (RNs), including ordering and interpreting diagnostic tests, communicating a diagnosis, prescribing pharmaceuticals, performing specific procedures, and referring to specialists.
- Provides health promotion, disease prevention, and illness management for individuals, families, groups, communities, and populations.
- Often acts as the individual's or family's first point of contact with the health care system, similar to the role of a Family Physician.
- Works collaboratively with other health care professionals to support the health of their clients.

Laurentian University is part of a consortium of nine Ontario universities that offer the Primary Health Care Nurse Practitioner Program (PHCNP). Students register and learn in their home universities.

The program incorporates problem-based and self-directed learning, simulation, and competency-based strategies to meet the critical competencies for nurse practitioner practice.

The Nurse Practitioner program is delivered with the provincial consortium and has some onsite requirements and also clinical placements. Our designated geographical boundaries extend from Sudbury, north to Moosonee and Moose Factory, northwest to Hornpayne, west to Wawa, east to Deep River and Lindsay, and South to Barrie. As such, our program is offered largely by distance delivery to accommodate the needs of students residing in Northern Ontario.

ORTHOPHONIE (SPEECH-LANGUAGE PATHOLOGY) (M.Sc.S.) (program offered in French only)

The Master's of speech-language pathology program provides an interdisciplinary education in human communication sciences and disorders, helping future clinicians make connections between the human, social, natural, physical and cognitive sciences.

Offering speech and language services in both French and English, Laurentian's Speech and Language Clinic offers quality rehabilitative services to people of all ages with communication and swallowing disorders living in Northern Ontario. The clinic also provides students with clinical experience that allows them to bridge the gap between the theory learned in their courses and evidence-based practice.

■ **Course-based option available.**

PSYCHOLOGY – APPLIED (MA)

Learn why and how people think and act and help them to improve their daily lives. Learn to diagnose and treat mental illness as well as use techniques to prevent mental illness and enhance well-being. Observe behavioural patterns that make up normal and abnormal behaviours and how they affect people socially, mentally, and physically.

Limitless research opportunities and over 400 hours of field placements are available in applied settings. A diverse range of research interests can be studied including cognitive psychology, developmental psychology, educational psychology, evolutionary psychology, neuroscience, physiological psychology, and social psychology.



SCIENCE COMMUNICATION* (M.S.Com. 1 year) (G.Dip. 10 months)

Build the theoretical foundations and practical experiences needed for a meaningful career in science communication. Join the first and only program of its kind in Canada that trains people in this rapidly growing field, in partnership with an industry-leading science centre, Science North. Learn the theory and best practices underlying strong communication in this immersive experience.

Discover the challenges of effectively communicating scientific information and the issues involving science in society. Apply your knowledge of design and rhetorical theory, social and traditional media, exhibit development, and research methods to solve the current issues with communicating science-related topics to non-experts.

SOCIAL WORK (MSW)

Promote the training of social workers who are critical and reflexive, and who can work in an array of social and cultural environments to promote social change; to problem solve with an emphasis on social justice and respect for human rights; and improve the general well-being of individuals, families, groups, communities, and society. Build on your knowledge and experience in direct or indirect social work practice and social welfare analysis, reflecting the interests, resources, population, and social conditions in northeastern Ontario.

Complete the program in one of three streams - each with a combination of coursework and a 450-hour advanced placement or a thesis research project.

■ **Course-based option available.**



DOCTORAL PROGRAMS

BIOMOLECULAR SCIENCES (PhD)

Start your career where biology and chemistry meet to create innovative solutions to today's biggest issues. Help develop a better world for everyone by improving health care, agriculture, energy consumption, and the environment. Effect big changes while working at a small scale. Study two broad areas of science including cell regulation and the structure and function of biomolecules.

Gain academic and research training to prepare for careers in research, teaching, biotechnology, pharmaceuticals, and biomedicine. Learn the most current methods and technologies and develop new knowledge and skills. Go on to treat age-related disorders in our quickly ageing society, develop new antibacterial drugs in an increasingly drug resistant environment, and make industrialized food production safer and more sustainable.

BOREAL ECOLOGY (PhD)

Participate in the global discussion about the issues affecting all organisms and the environments where we co-exist. Study the interactions between living and nonliving organisms within our boreal ecosystems including population, community, and global systems.

Understand the impacts of disturbance, restoration, and species sustainability and conservation on stressed systems. Understand how all of these interactions work, and apply your knowledge to the issues affecting our world today, such as, environmental and energy conservation, resource allocation, and eco-friendliness.

ENGINEERING SCIENCE (PhD)

Laurentian's strategic location at the heart of one of Canada's most important areas of natural resources exploitation makes it an ideal location to pursue graduate studies in Engineering. In proximity to the mining operations of companies like Vale, Glencore, Newmont, Iamgold, and mines in northwestern Quebec, as well as large scale wood processing facilities in Espanola, it is at the center of a vibrant and growing services sector for engineering and natural resources industries. These long-standing operations have created a unique natural laboratory for the study of environmental impact, management and ecological recovery issues.

The Bharti School of Engineering and Computer Science offers a thesis-based PhD program in Engineering Science in, among others, the following related fields: mining engineering; robotics, automation and advanced technologies in mining; and process engineering.

HUMAN KINETICS (PhD)

Pursue your studies in two unique program streams not found elsewhere in Canada – Occupational Health, Safety and Wellness and Multicultural Physical Activity and Sport. These specialized streams are themed around faculty expertise and provide graduates with specialized knowledge related to the challenges of industry in Northern, rural and remote workplaces.

Graduates of this program will be in an ideal position to serve northern communities in professional roles in academia, the private sector (consultants; research and development; industry Occupational Health, Safety and Wellness departments) or government (public health units; provincial and national sport governing bodies; workplace safety organizations).

HUMAN STUDIES AND INTERDISCIPLINARITY (PhD)

The program examines human social and physical development over a lifetime and trains you to apply your knowledge to the many social and physical challenges we face during our lives, such as gender politics, group dynamics, illness and death.

Several areas of study are offered including cognition and communication, Canadian and international studies, interpretation, values and ethics, regional and cultural studies, and gender relations and sexuality studies. Learn to observe and critically assess cultural influences, and physical and emotional health as they relate to philosophy, psychology, life sciences, education, economics, and communication.

Develop a substantive research project and hone your critical thinking and communication skills. Take opportunities to learn outside of the classroom with national and international conferences, Laurentian University's Research Week, and the Annual Human Studies Colloquium.





MATERIALS SCIENCE (PhD)

Solidify your career in an industry crucial to further development in nanotechnology, quantum computing, nuclear fusion, and medical technologies. Increase your knowledge and expertise in materials science by conducting and disseminating advanced-level research. Study the physics and chemistry of matter, the real-world applications in engineering, and how materials are used in the industrial manufacturing processes or fundamental research. Gain a deeper understanding of the following fields of study: structure and properties, emerging materials and methods, and interfaces and coatings.

Benefit from a unique perspective not available in other North American universities in this field as it applies to the mining and mineral processing sector. Discover a variety of distinct, yet complementary, research areas and approaches in a wide breadth of research interests and academic disciplines, including the particle astrophysics research conducted at SNOLAB.

MINERAL DEPOSITS AND PRECAMBRIAN GEOLOGY (PhD)

The PhD in Mineral Deposits and Precambrian Geology program prepares students for high-level careers in academia, industry, or government research. PhD research projects may be field-based, laboratory-based, and/or theoretical, and are available in mineral resources, mineralogy, igneous and metamorphic petrology, geochemistry, volcanology, structural geology, and sedimentology applied to mineral deposits and Precambrian geology. Available projects are listed at hes.laurentian.ca/careers.

The Harquail School of Earth Sciences is home to some of the most prolific and renowned geology professors in Canada. Located on the Canadian Shield, the School is in a prime area for mineral exploration and Precambrian geology. Students gain access to analytical instruments and expertise on campus. They also benefit from sharing laboratory facilities with the Ontario Geological Survey Geoscience Laboratories (Geo Labs), one of the largest and most advanced geoscience analytical facilities in North America.

RURAL AND NORTHERN HEALTH (PhD)

Take part in the only doctoral program in Canada dedicated to researching rural and northern health issues. Enhance and promote the quality and quantity of research focused on rural and northern health. Choose from two fields of study – health services and health policy, with supported research in the following areas: Indigenous health, epidemiology, children's health, health administration, health policy, promotion and services, environmental, mental and occupational health, and population health in vulnerable people.

Promote the growth and development of health research expertise in the north and strengthen partnerships with community health organizations. Work closely with other Laurentian research centres such as: Centre for Rural and Northern Health Research (CRaNHR), Evaluating Child Health Outcomes (ECHO), Centre for Research in Human Development and Centre for Research in Occupational Safety and Health (CROSH).

POST-GRADUATE DIPLOMAS



NURSE PRACTITIONER (G.DIP.)

This program allows nurses with a Masters degree in Nursing to complete the Nurse Practitioner Program courses with a graduate diploma. Students must apply to the MScN Program in order to receive advanced standing.

A nurse practitioner is:

- An experienced registered nurse with advanced education, skills, and extended class (EC) registration with the College of Nurses of Ontario.
- Has the independent authority to perform controlled acts beyond those available to Registered Nurses (RNs), including ordering and interpreting diagnostic tests, communicating a diagnosis, prescribing pharmaceuticals, performing specific procedures, and referring to specialists.
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IMPORTANT DATES

ONTARIO UNIVERSITY FAIR (OUF)

October 21 and 22, 2023

Drop by the Metro Toronto Convention Centre and meet Laurentian University faculty, students and staff. The largest fair of its kind in Canada, it's a great way to explore your options and get a feel for what we have to offer in terms of academics and student experience.

OPEN HOUSES

Fall 2023 and Winter 2024

The Laurentian Open Houses are a great way to discover the facilities and amenities, and get acquainted with faculty and staff. There's nothing like being on site to determine what awaits.

Consult laurentian.ca/explore for dates and details.

CUSTOM CAMPUS VISITS

You are welcome anytime on campus and we invite you to book a custom campus tour.

Contact us at info@laurentian.ca to book your visit today.

APPLICATION DEADLINES

As in most universities, each graduate program application process and deadlines can vary. The detailed breakdown can be found at laurentian.ca/admissions/graduate.

General guidelines are as follows, depending on whether you are a domestic or international applicant:

Domestic Applications

- January Intake: December 1st
- May Intake (where applicable): April 1st
- September Intake: August 1st

International Applications

- January Intake: September 15th
- May Intake (where applicable): January 15th
- September Intake: April 15th

CONFIRMATION DEADLINE

The deadline by which to accept your offer will be stipulated in the correspondence with the Admissions Office. Be sure to review the **Step-by-Step Admissions Guide** here-in for portal access.

SCHOLARSHIP, BURSARY AND OSAP APPLICATION DEADLINES

March 1, 2023

Scholarships and bursary application deadlines may vary, but as a general rule, March 1st is a determinant timeline.

Mid-June

OSAP applications should be submitted by mid-June with all required documents for a Fall/Winter start. This will ensure processing which aligns with the start of the Fall term. Consult ontario.ca/page/how-apply-osap for further details.

RESIDENCE APPLICATION DEADLINE

June 2, 2023

Residence application deadline

MOVE-IN!

August 31 – September 2, 2023

Pack your bags! It's time to make your way to Sudbury and move into your new digs!

TRIMESTER START DATES

- **Spring Trimester:**
MONDAY, MAY 1, 2023
- **Fall Trimester:**
WEDNESDAY, SEPTEMBER 6, 2023
- **Winter Trimester:**
MONDAY, JANUARY 8, 2024

Looking forward to
welcoming you to Laurentian!

Step-by-step ADMISSIONS



PROGRAM OPTIONS and FACULTY PROFILES

Step 1. Research your program options and faculty profiles

As you narrow your field of expertise, it is important to research your options and the individual body of work of faculty members in this domain. This is particularly critical if the program requires supervision.

For graduate program details and faculty profiles, consult laurentian.ca/graduate-programs.



ADMISSION REQUIREMENTS

Step 2. Assess your program admission requirements, deadlines and tuition details

Once you have selected a graduate program of choice, you will want to review:

- Admission & supervision requirements
- Deadline to apply
- Tuition Fees

You can find this information on our website at laurentian.ca/admissions/graduate

If your program requires supervision, you will need to correspond with faculty members accordingly. If you require assistance in this process, you can contact the program coordinator associated with your program. laurentian.ca/graduate-programs



OUAC APPLICATION

Step 3. Apply through the Ontario University Application Centre (OUAC)

Log onto the OUAC website at: ouac.on.ca/apply/laurentiangrad/en_CA/user/login

Once you have completed your application, you will receive notification from our Office of Admissions within 72 hours with instructions for Step 3. If you do not receive notification within 72 hours, please check your spam folder or contact info@laurentian.ca for further assistance.



Access your MyLAURENTIAN PORTAL

Step 4. Access your myLaurentian portal

Once we have received your application, you will need to create a Laurentian student account or access your existing account if you are a returning student.

Information and document sharing will occur in your student portal. Access to online services, appointment bookings, scholarship opportunities, residence accommodations and other timely updates will be available through your portal account.



Upload your SUPPORTING DOCUMENTS

Step 5. Upload your supporting documents

Consult the Applicant Checklist on your student portal to complete the final steps of your application. Be sure to access the Reference tab and complete the reference form provided. **Be diligent with this final step to ensure expediency.**



Should you have any questions regarding your graduate studies admission, contact us at:

Office of Admissions
admissions@laurentian.ca
1-800-263-4188

Laurentian University
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Sudbury, ON, P3E 2C6



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laurentian.ca/graduate-programs

laurentian.ca/research

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