

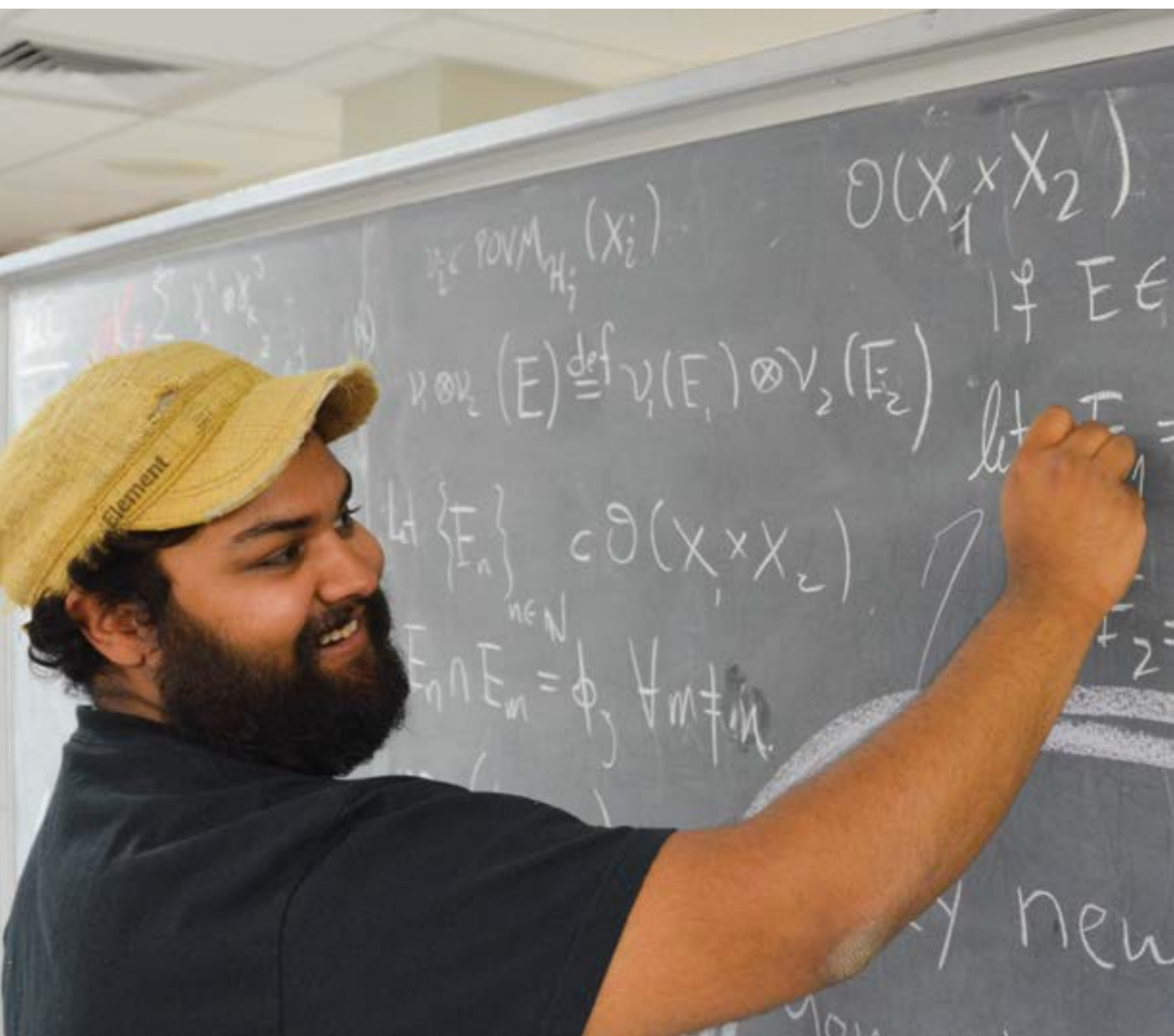
NIPISSING

U N I V E R S I T Y

North Bay

www.nipissingu.ca

Master of Science in Mathematics



Program Description

The Master of Science in Mathematics program is offered through the following paths:

- as a one-year full-time program that includes coursework and Major Research Paper;
- as a two-year full-time program that includes coursework and Thesis; or
- on a part-time basis with both MRP and Thesis options available.

Our program trains students for future work in research, industry, business, or government, and provides a strong background in foundational areas of mathematics. Our faculty members are experts in topology, analysis, combinatorics and graph theory, industrial and applied mathematics, with research in scheduling, computational problems, numerical mathematics, and optimization. Many faculty work on inter- and multi-disciplinary research with disciplines like geography, the physical and health sciences, business, and management. Graduate students therefore also have an opportunity to perform research on the interface of mathematics with other disciplines.

Through seminars, workshops and presentations, students are introduced to research methods as well as a variety of open problems. The Major Research Paper focuses on an open problem in Mathematics, which could be theoretical or applied.

In the Mathematics department, we take pride in the fact that our high faculty-to-student ratio translates to a collaborative and supportive environment. In addition to being mentored in their research, graduate students have the opportunity to work alongside faculty members as teaching and research assistants. While our graduate program focuses on mathematics, the department

represents both computer science and mathematics, allowing students to gain exposure to both disciplines.

Why Nipissing?

To pursue graduate studies successfully, students need guidance from dedicated faculty as well as a supportive community that will help them focus on their research and navigate their way to academic success. Nipissing offers both: our professors regularly win external grants and recognition, and our campus has cultivated a reputation for being friendly and accessible.

Workshops and conferences, organized by the Department of Computer Science and Mathematics on an annual basis, feature presentations by leading researchers from Canada and abroad, and are attended by graduate students from other universities. Throughout the year, the Department runs a research seminar where talks are often given by visiting scholars. Thus, our graduate students have a unique opportunity to discuss research projects with speakers and their peers, and establish valuable international contacts.

At Nipissing, our high faculty-to-student ratio means more individual attention for graduate students and their research. Students are carefully matched with professors with compatible interests, and encouraged to pursue their own research. Our annual Graduate Research Conference presents students with the opportunity to share their research with peers, while paid positions as research and teaching assistants allow them to gain experience in the academic world.

Students and visitors alike often comment on how fortunate Nipissing students are to study surrounded by such a beautiful natural landscape. For graduate students it is inspiring and beyond compare.





Our Facilities

Nipissing University not only provides its graduate students with attentive faculty and a supportive community, but also offers physical spaces that are conducive to productive research.

Our graduate students study and teach in state-of-the-art classrooms, seminar rooms, and research labs. Our graduate student lounge and interdisciplinary office provides students with their own dedicated space to meet and collaborate.

The Harris Learning Library was completed in 2011 and provides 56,000 square feet of study space with natural light and modern design. The new library features expanded print collections, a learning commons, an adaptive technology area, and collaborative work spaces.

Careers

Students gain both research skills and experience working on open problems in the mathematics field. The MSc prepares them for careers in industry, research and development, business, and industry. Students may also go on to pursue doctoral degrees.

Application & Deadlines

Applications should be made directly to Nipissing University and submitted to the Office of the Registrar www.nipissingu.ca/registrarforms. Further information about graduate studies can be found www.nipissingu.ca/graduatestudies.



I'm satisfied with my decision to attend this university (Strongly Agree/Agree)

NIPISSING	98%
Laurier	95%
Carleton	94%
Waterloo	94%
Brock	92%
Lakehead	91%
Ryerson	91%
York	88%

COSEC survey as published in Maclean's February 2014 (Ontario Universities)



Financial Aid

Funding is available to graduate students from both internal and external sources. Internal funding includes teaching/research assistantships, faculty research grants, and Nipissing Graduate Scholarships. The value of these scholarships varies. Students are also encouraged to compete for scholarships from the Social Sciences and Humanities Research Council (SSHRC), the Natural Science and Engineering Research Council (NSERC), the Canadian Institutes of Health Research (CIHR), the Ontario Graduate Scholarships (OGS), the Canada Graduate Scholarship, and the Mackenzie King Memorial Scholarship.

For more information on scholarships, visit:
www.nipissingu.ca/gradfunding

Contact Information

Admissions – Office of the Registrar

Nipissing University
PO Box 5002, 100 College Drive, North Bay, ON P1B 8L7
Phone: 705-474-3450 ext. 4761
Email: admissions@nipissingu.ca

School of Graduate Studies

Phone: 705-474-3450 ext. 4198
Email: sgs@nipissingu.ca

www.nipissingu.ca/graduatestudies



ONE STUDENT AT A TIME

Student Recruitment Office, 100 College Drive, Box 5002, North Bay, ON P1B 8L7
tel: (705) 474-3450 ext. 4200 • toll free (within Ontario): (800) 655-5154 • tty: (877) 688-5507
nuinfo@nipissingu.ca • www.nipissingu.ca • www.facebook.com/NipissingU • [@NipissingU](https://twitter.com/NipissingU) @NURecruitment

If you would like to request this publication in an alternative format please contact the Student Recruitment Office at (705) 474-3450 ext. 4200