

NIPISSING UNIVERSITY

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   @NipissingU

Bachelor of Arts/Bachelor of Science Mathematics

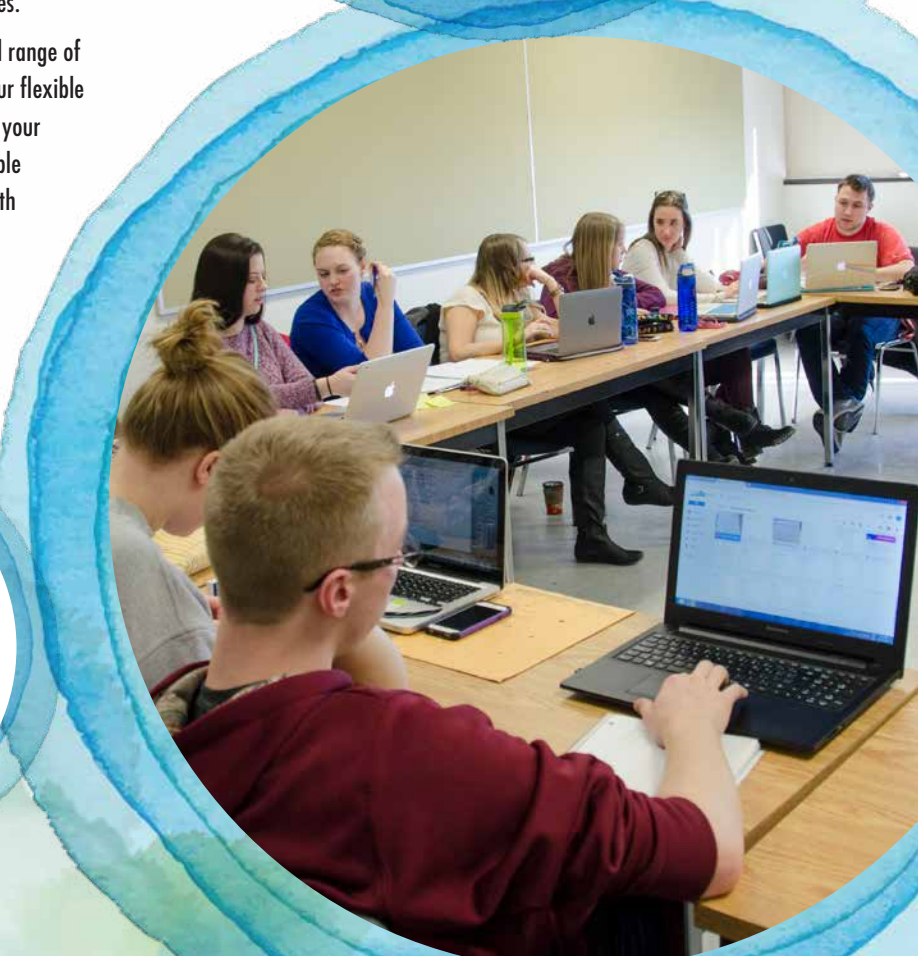
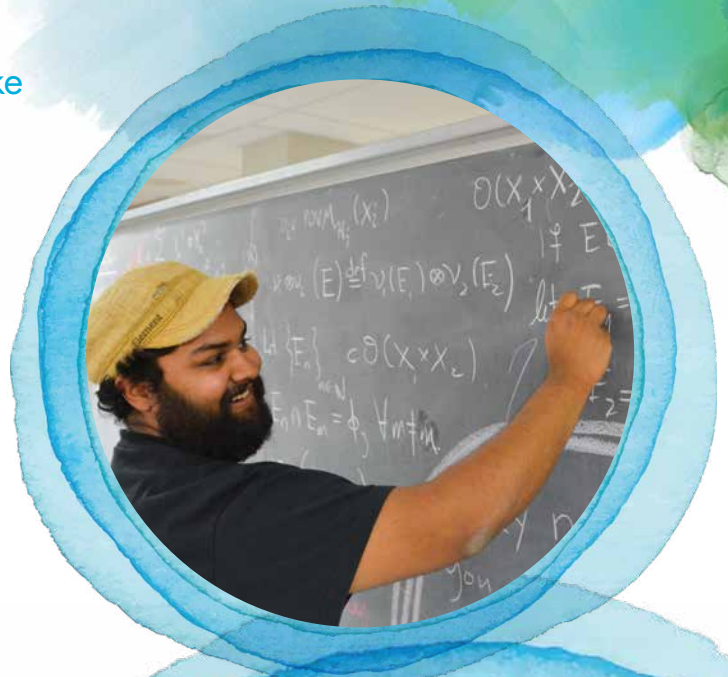
If you are a problem-solver, logical thinker, like working independently or you simply enjoy mathematics, consider our undergraduate degree in Mathematics. Our program provides an excellent foundation for careers in research, teaching, government, business, science and technology, and in areas where mathematics is applied to solve problems.

As a foundational discipline, mathematics is the study of numbers, patterns, space and change. Recent developments in mathematics make it possible to gain insight into wide-ranging problems in many disciplines including the environment, health, biology, chemistry, business and social sciences.

The Department of Computer Science and Mathematics offers a full range of courses in mathematics, statistics, computer science and Physics. Our flexible BA Mathematics and BSc Mathematics programs allow you to build your degree based on your interests in other subjects. You can do a double major in Mathematics and Computer Science or Minor in Physics with emphasis on Computational Physics.

Your professors are leading researchers and will support you throughout your time at Nipissing with opportunities to do mathematics inside and outside of the classroom.

Register for
Open House,
book your own tour
or get more info at
[nipissingu.ca/
futurestudents](http://nipissingu.ca/futurestudents)



Why Nipissing?

In our programs, undergraduate research is strongly emphasized. Some courses are project-based, such as Mathematical Modelling, Optimization, and History of Mathematics. Honours students are required to complete a research course in their final year.

Faculty in the Department of Computer Science and Mathematics conduct research in wide-ranging areas. You will be able to find interesting and exciting topics to research, such as use of nanoparticles on cancer treatment, dimension theory and role based collaboration.

There are vibrant ongoing departmental seminars in which both graduate and undergraduate students are invited to participate. Students present their research work in these seminars.

You will find many experiential learning opportunities such as summer research, volunteering in Math Circles, working in the Math-Drop-In centre or helping with tutorials, while working alongside excellent mathematicians.

What does my first year look like?

In addition to breadth requirements and electives, first year courses may include Calculus, Introductory Linear Algebra, Discrete Mathematics, or Introduction to Computer Science, depending on which stream and degree path you choose.

Where Can I Go After Graduation?

Because mathematics is so prevalent in everyday life, options for careers are vast, and students are prepared for positions such as data analysts, financial advisors, statisticians, mathematicians, research associates, teachers, software developers, market research analysts and more.

Graduates from Nipissing's Mathematics program have found positions such as Programmer, Gladue Writer, Programmer/Analyst, Language Specialist, Network Administrator, Software Developer, Math/Physics Instructor, Lab Instructor, Teacher, Developer-Technologist, Senior Director of System Development, Data Base Specialist, Computer Technician, Project Controls Lead, Development Manager, Trading Systems Online, Programmer/Analyst, Senior Software Engineer, Software Development Lead, Senior DevOPs Specialist, CIRA, IT Team Lead, Research and Planning Technologist, Senior Manager-Product Control, Academic Upgrading Instructor, Software Engineer, Educational Developer, Senior Statistician, Research Assistant, Software Development Manager, Learning Skills Advisor, Delivery Manager, Graphic Designer, and Senior Technical Staff.

Our graduates have also gone on to pursue post-secondary Masters and Doctoral degrees at Nipissing University and elsewhere.

TOP 3
in **STUDENT**
SATISFACTION

among primarily undergrad
Ontario universities
– Maclean's 2020



For more information about Nipissing,
to register for Open House,
or book your own tour, visit
www.nipissingu.ca/futurestudents



ONE STUDENT AT A TIME

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For a
sample timetable
and more information
on the program, visit
[nipissingu.ca/
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