



## MASTER OF SCIENCE IN MATHEMATICS

### 2023 SUPPLEMENTAL APPLICATION INSTRUCTIONS

The Master of Science in Mathematics program consists of course work plus a Major Research Paper (MRP) or Thesis. The MRP route is a one-year (3 terms/12 months) full-time program. The Thesis route is available as a two-year (6 terms/24 months) full-time program, or a four-year (12 terms/48 months) flex-time program. 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 in geography, the physical and health sciences, social science, business, and management, to name only a few. Graduate students therefore also have an opportunity to perform research on the interface of mathematics and other disciplines.

For further information regarding the Master of Science in Mathematics program, please visit [www.nipissingu.ca/mscmath](http://www.nipissingu.ca/mscmath).

Program related questions can be directed to the Graduate Program Coordinator at [gradmath@nipissingu.ca](mailto:gradmath@nipissingu.ca).

**APPLICATION DEADLINE:** January 13, 2023\* - for scholarship consideration.  
**SUPPLEMENTAL DOCUMENTATION DEADLINE:** January 20, 2023 at 4:30 p.m. EST

Applications received after the application deadline date will not be considered for scholarships. Flex-time applicants are not eligible for funding consideration. For questions pertaining to scholarship criteria, please contact [sgs@nipissingu.ca](mailto:sgs@nipissingu.ca).

*\*Applications will continue to be accepted after January 13, 2023 and documentation after January 20, 2023. Late applications\*\* will be considered if room remains in the program; funding consideration is not available for late applications and late documentation. Contact [admissions@nipissingu.ca](mailto:admissions@nipissingu.ca) or at 705-474-3450 ext. 4600 to verify if late applications are still being accepted.*

*\*\*Late applications and application fees must be submitted no later than August 4, 2023. Late documentation must be submitted no later than August 11, 2023.*

#### SUBMIT ALL SUPPLEMENTAL DOCUMENTATION MAIL OR EMAIL TO:

Nipissing University - Office of the Registrar  
100 College Drive, Box 5002  
North Bay ON P1B 8L7  
Phone: 705-474-3450 ext. 4600  
Email: [admissions@nipissingu.ca](mailto:admissions@nipissingu.ca)

## ADMISSION REQUIREMENTS:

Applicants must hold an Honours BA or BSc, normally in Mathematics or in a combined Honours program with a Mathematics major, with at least a 75% average on the last 10 full (20 semester) courses completed at the time of application, or equivalent qualifications to be considered for admission.

*NOTE: Non-Academic course grades (e.g. Bachelor of Education, Practical courses, clinical courses, Co-op courses, Placements, etc.) are not used in the calculation of admission averages.*

## REQUIRED SUPPLEMENTAL DOCUMENTATION: (Due January 20, 2023)

Please submit transcripts, letters of reference and other supporting documentation after you have submitted your online application. Nipissing University cannot verify receipt of transcripts and supporting documents if we have not received your application. You may paperclip your documents. No staples or folders please. Do not bind documents in any other manner.

1. Online application form and fee. The online application can be accessed from our website: [www.nipissingu.ca/registrarforms](http://www.nipissingu.ca/registrarforms). The base application fee will be paid online through the application. Additional transcript fees may apply.
2. Official undergraduate and graduate transcripts from all institutions attended, including those attended on a Letter of Permission or exchange program. High School or College (diploma programs) transcripts are not required. A copy of the transcript from an exchange program can be sent directly by your host institution to Nipissing University if they are willing to do so, otherwise an official transcript must be sent directly from the university where the exchange program was held. Transcripts from Ontario postsecondary institutions can be ordered through the application process. Transcripts from universities outside of Ontario or within the United States must be sent directly by the issuing institution to Nipissing University (faxed and emailed copies will only be accepted when we can verify that they come directly to us from the issuing institutions). **Internationally-educated applicants** (with the exception of exchange programs) must have their transcripts evaluated (course by course evaluation) by the World Education Services – [www.wes.org/ca](http://www.wes.org/ca). The WES credential evaluation is also due by the documentation deadline. This requirement cannot be waived.
3. Two (2) confidential academic recommendations from professors **OR** other appropriate professionals who can speak to their level of preparation and readiness for graduate studies. The references must be from someone qualified to address the academic ability and competence of the applicant to undertake graduate studies. References cannot be completed by anyone who is personally related to the applicant. Recommendations are to be confidential; therefore, they must be mailed in sealed envelopes with the referee's signature over the seal or emailed by the referee using their professional email address and sent directly to [admissions@nipissingu.ca](mailto:admissions@nipissingu.ca). The Confidential Recommendation forms are included in this package. **Please indicate to your referee that a comprehensive letter included with the recommendation form will be most beneficial in determining your eligibility for admission.**
4. A **comprehensive** résumé detailing your educational and professional experience. Please include scholarships and awards, significant academic accomplishments, internships, research projects, involvement in student organizations, volunteer work and publications and presentations.
5. A typed Statement of Interest indicating your research area(s) of interest .

6. Proof of Proficiency in English for internationally educated applicants whose first language is not English, also due by the application deadline. Nipissing University accepts the following tests as proof of proficiency in English:

- Test of English as a Foreign Language (TOEFL) 93 with a minimum score of 20 in reading and listening and a minimum score of 22 in writing and speaking.
- International English Language Testing Service (IELTS) with a minimum overall score of 6.5 with no band less than 6.5.
- Pearson Test of English (PTE Academic) with a minimum overall score of 63 with a minimum score of 60 in each section.
- Canadian Academic English Language (CAEL/CAEL Online) with a minimum overall score of 70 with no band less than 60.
- Cambridge English Qualifications with a C1 minimum overall score of 176 with a minimum score of 169.

**The required minimum scores must be submitted before the candidate can be considered for admission. Duolingo is not accepted.**

7. Scholarship Applications:

- To apply for Ontario Graduate Scholarship funding, please visit the Ontario Graduate Scholarship (OGS) webpage at [www.nipissingu.ca/ogs](http://www.nipissingu.ca/ogs). For questions pertaining to scholarship criteria, please contact [sgs@nipissingu.ca](mailto:sgs@nipissingu.ca) or 705-474-3450 ext. 4292. The OGS application is due January 13, 2023 and is to be submitted electronically to the Graduate Studies Department at [sgs@nipissingu.ca](mailto:sgs@nipissingu.ca).
- For other funding opportunities, please visit [www.nipissingu.ca/gradfunding](http://www.nipissingu.ca/gradfunding)

**\*\*\*Please note that the OGS application requires two Academic Assessment Reports with an academic reference for each. The forms in the OGS application are different than the references required for the Admission application. Should you choose the same academic referees for both the OGS application and the Admission application, your referees will be required to fill out both the Admission reference form and the OGS academic reference and attach a separate letter to each form. Your referees should make note of what is to be addressed for each reference.**

**Applicant:** Please complete this section before presenting to referee

**Name of Applicant:**

Surname	First	Middle	Student # or OUAC Ref. #
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**Referee:** We would appreciate your appraisal of the above applicant for a Master's degree in the field of Mathematics. The information in the report will be considered confidential.

1. How long have you known the applicant? (MM/YY) From: \_\_\_\_\_ to \_\_\_\_\_
2. In what capacity? \_\_\_\_\_
3. Indicate with an 'X' your evaluation of this applicant with respect to their ability to complete a graduate program in the field of Mathematics:

	Excellent	Very Good	Good	Fair	Poor	No Basis for Comment
Intellectual Capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scholarly Potential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Originality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Critical Judgment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oral Expression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Written Expression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work Habits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perseverance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. In comparison with other students at the applicant's level, indicate where you would place this applicant.

Among the top     5%         10%         25%         50%         lower than 50%

5. Please attach a current letter of reference which speaks to the candidate's strengths, or any concerns you may have with their ability to succeed at the Masters level. This letter will be used for admission purposes and scholarship consideration. A comprehensive letter will be most beneficial in determining the applicant's eligibility.

**To the Referee:**

***This Recommendation is confidential. Please enclose this form and supporting letter in a sealed envelope and write your signature over the seal. You can either return the envelope to the applicant to submit with their application or email the documents directly to the Admissions Office, sent from your professional email account to [admissions@nipissingu.ca](mailto:admissions@nipissingu.ca).***

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Faculty: \_\_\_\_\_

Address: \_\_\_\_\_

Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email address: \_\_\_\_\_

**Applicant:** Please complete this section before presenting to referee

Name of Applicant:

Surname	First	Middle	Student # or OUAC Ref. #
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**Referee:** We would appreciate your appraisal of the above applicant for a Master’s degree in the field of Mathematics. The information in the report will be considered confidential.

1. Professional Relationship to applicant \_\_\_\_\_
2. Period of relationship upon which assessment is based \_\_\_\_\_  
 From: \_\_\_\_\_ to \_\_\_\_\_
3. Indicate with an ‘X’ your evaluation of this applicant in comparison with others performing similar duties.

		Excellent	Very Good	Good	Fair	Poor	No Basis for Comment
Professional Knowledge and Ability		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leadership Qualities		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teaching Ability		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional Relationships with...	Colleagues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Public	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oral Expression		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Written Expression		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of Performance		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Familiarity with Current Theory & Practice		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. In comparison with others performing similar professional duties, how would you rank this applicant.  
 Among the top     5%             10%             25%             50%             lower than 50%

5. Please attach a current letter of reference which speaks to the candidate’s strengths, or any concerns you may have with their ability to succeed at the Masters level. This letter will be used for admission purposes and scholarship consideration. A comprehensive letter will be most beneficial in determining the applicant’s eligibility.

**To the Referee:**

***This Recommendation is confidential. Please enclose this form and supporting letter in a sealed envelope and write your signature over the seal. You can either return the envelope to the applicant to submit with their application or email the documents directly to the Admissions Office, sent from your professional email account to [admissions@nipissingu.ca](mailto:admissions@nipissingu.ca).***

Name:	Company/School/ Organization:
Position:	Address:
Signature:	Date:
Telephone Number:	Email address:

**Protection of Privacy**  
 Information requested from students and applicants is collected under the authority of the Nipissing University Act, 1992. Pursuant to the Freedom of Information and Protection of Privacy Act you are hereby notified that: "By applying for admission to Nipissing University and by registering in programs or courses at the University, you are accepting the University's right to collect pertinent personal information. The information is needed to assess qualifications for entry, establish a record of performance in programs and courses, provide the basis for awards and government funding, and to assist the University in the academic and financial administration of its affairs". Additionally, personal information may be used by University staff in many offices on a "need to know" basis to identify and contact students who require their services.