

Mathematics Masters

Department Information

- **Department Web Site:**
ndsu.edu/math (<http://ndsu.edu/math/>)
- **Application Deadline:**
Early review begins January 31 rolling through March 31 or until full.
- **Credential Offered:**
M.S.
- **Program Overview:**
ndsu.edu/programs/graduate/mathematics (<http://ndsu.edu/programs/graduate/mathematics/>)

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

At least 30 credit hours in approved graduate-level mathematics course work are required for both options.

1. **Thesis Option:** At least 6 credit hours of MATH 798 (<https://catalog.ndsu.edu/search/?P=MATH%20798>) Master's Thesis, in addition to at least 18 credit hours in courses numbered 700-789. These 18 credit hours must include six foundational courses. A grade of Master's Pass in two of the written preliminary examinations offered by the department. A thesis paper written under the supervision of a faculty member and defended at an oral examination administered by the student's supervisory committee.
2. **Comprehensive Study Option:** At least 2 credit hours of MATH 797 (<https://catalog.ndsu.edu/search/?P=MATH%20797>) Master's Paper in addition to at least 24 credit hours in courses numbered 700-789. These 24 credit hours must include six foundational courses. Subject to the approval of the supervisory committee, at most 6 of the required 30 credits may be earned in 600-level mathematics courses or in courses outside the Mathematics department. A grade of Master's Pass in two of the written preliminary examinations offered by the department. An expository paper written under the supervision of a faculty member and defended at an oral examination administered by the student's supervisory committee.
3. **Exam Only Option:** At least 30 credit hours in approved graduate-level mathematics course work. At least 21 credit hours in courses numbered 700-789, 800-889. These 21 credit hours must include six foundational courses. Subject to the approval of the supervisory committee, at most 6 of the required 30 credits may be earned in 600-level mathematics courses or in courses outside the Mathematics Department. A grade of Ph.D. Pass in four of the written preliminary examinations offered by the department, and a passing grade in a preliminary oral examination administered by the student's supervisory committee after completion of the written preliminary examinations.

Master of Science

Accelerated Master of Science

Code	Title	Credits
600-level electives		
Select from mathematics courses numbered 600-689.		15
700 / 800-level electives		
Select from mathematics courses numbered 700-789 or 820-889.		15
Paper requirement		
MATH 797	Master's Paper	1-3
Total Credits		31-33

Students must meet all requirements of the Mathematics bachelor program. For the master's degree, students must earn at least 30 graduate credits.

- Up to 15 credits from the above list may count toward the bachelor program requirements.
 - A thesis or expository paper will be completed under supervision of a mathematics faculty member and defended at an oral examination administered by the student's supervisory committee
 - Students need to earn a B in any of the courses that count towards this program. Failure to do so will lead to removal from the program. After removal, students are not eligible to re-apply to the accelerated program but may apply to the regular graduate program.
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Admission and Application Requirements

Graduate School admission and application requirements are found on the Admission Information (<http://catalog.ndsu.edu/graduate/admission-information/>) page. In addition, the following are also required:

- A cumulative grade point average (CGPA) of at least 3.0 or equivalent in all advanced mathematics courses at the baccalaureate level
- Meet the English proficiency requirements (<https://catalog.ndsu.edu/graduate/admission-information/#internationalapplicantstext>) for applicants

Application Deadlines

- Fall semester - Early review begins January 31 rolling through March 31 or until full.

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Admission Requirements

The following minimum qualifications are required of all students seeking admission to the Graduate College:

1. The applicant must have a baccalaureate degree from an educational institution of recognized standing.
 - a. Applicants still completing a baccalaureate degree may apply.
2. The applicant must have adequate preparation in the chosen field of study and must show potential to undertake advanced study and research as evidenced by academic performance and experience.
3. At the baccalaureate level, the applicant must have earned a cumulative grade point average (GPA) of at least 3.0, or equivalent, to attain full standing in a graduate degree program. Applicants whose last degree completed is a graduate degree may be admitted in full standing if the final GPA of that degree is at least 3.0 or equivalent.

Application Requirements