

MATHEMATICS, MA

PhD students in the math department and students enrolled in other UW-Madison PhD programs are eligible to earn an MA degree with the named option titled Foundations for Research (FR) (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-research-ma/>).

The MA degree is available with the named option titled Foundations of Advanced Studies (FAS) (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-advanced-studies-ma/>). It is designed to strengthen the student's mathematics background and enhance the opportunities for applications to PhD programs and for employment as a mathematician in nonacademic environments.

ADMISSIONS

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Students apply to the Master of Arts in Mathematics through the named option or the PhD:

- The Foundations for Research (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-research-ma/>) named option is offered for work leading to the PhD. Students may not apply directly for the master's, and should instead see the admissions information for the PhD (<https://guide.wisc.edu/graduate/mathematics/mathematics-phd/#admissionstext>).
- Foundations of Advanced Studies (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-advanced-studies-ma/>)

FUNDING

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GRADUATE SCHOOL RESOURCES

[The Bursar's Office provides information about tuition and fees associated with being a graduate student.](#) [Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid.](#) [Further funding information is available from the Graduate School.](#)

Be sure to check with your program for individual policies and restrictions related to funding.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirementsstext>) and policies (<https://guide.wisc.edu/graduate/#policiestext>), in addition to the program requirements listed below.

MAJOR REQUIREMENTS CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement 30 credits

Minimum Residence Credit Requirement 16 credits

Minimum Graduate Coursework Requirement 30 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

Other Grade Requirements See Named Options for policy information.

Assessments and Examinations None.

Language Requirements No language requirements.

REQUIRED COURSES

Select a Named Option (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/#NamedOptions>) for courses required.

NAMED OPTIONS

A named option is a formally documented sub-major within an academic major program. Named options appear on the transcript with degree conferral. Students pursuing the Master of Arts in Mathematics must select one of the following named options:

View as [list](#) [View as grid](#)

- **MATHEMATICS: FOUNDATIONS FOR RESEARCH, MA** ([HTTPS://GUIDE.WISC.EDU/GRADUATE/MATHEMATICS/MATHEMATICS-MA/MATHEMATICS-FOUNDATIONS-RESEARCH-MA/](https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-research-ma/))
- **MATHEMATICS: FOUNDATIONS OF ADVANCED STUDIES, MA** ([HTTPS://GUIDE.WISC.EDU/GRADUATE/MATHEMATICS/MATHEMATICS-MA/MATHEMATICS-FOUNDATIONS-ADVANCED-STUDIES-MA/](https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-advanced-studies-ma/))

POLICIES

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Students should refer to one of the named options for policy information:

- Foundations for Research (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-research-ma/>)
- Foundations of Advanced Studies (<https://guide.wisc.edu/graduate/mathematics/mathematics-ma/mathematics-foundations-advanced-studies-ma/>)

PROFESSIONAL DEVELOPMENT

PROFESSIONAL DEVELOPMENT GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (<https://grad.wisc.edu/pd/>) to build skills, thrive academically, and launch your career.

LEARNING OUTCOMES

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1. Learn a substantial body of mathematics presented in introductory graduate level courses in mathematics.
2. Select and utilize appropriate methodologies to solve problems.
3. Communicate clearly in written/oral presentations.
4. Recognize and apply principles of ethical and professional conduct.