

UMSL | Graduate School

Master of Arts (MA) Mathematics Data Science Emphasis

Degree Program

A minimum of 30 hours of coursework numbered 4000 and above is required, with at least 15 hours numbered 5000 and above. Program plans are individualized based on students' previous mathematics courses.

- **Non-thesis option:** Students complete the 30 hours in coursework.
- **Thesis option:** Students writing a thesis enroll in six hours of Math 6900 M.A. Thesis and defend their thesis in an oral exam administered by a committee of three department members, including the thesis director.

Program Website

<https://www.umsl.edu/mpas/graduate/math/ma-math-datascience.html>

Program Brochure

<https://www.umsl.edu/degrees/files/pdfs/academicmaps/cas/graduate/math-ma-data-science.pdf>

Application Requirements

1. Application
<http://umsl.edu/go/Apply-Now>
2. Two letters of recommendation
 - a. Letters of recommendations from persons qualified to evaluate the student's recent work are required. A third letter is required to apply for an assistantship.
3. Official transcripts from all universities attended
 - a. Applicants must have completed a baccalaureate degree in mathematics or a field with significant mathematical content before beginning the master's program.
4. Entrance examinations
 - a. The Graduate Record Examination (GRE) General Test is required only to apply for an assistantship (see <http://www.gre.org/ttindex.html>).
 - b. International students are required to document English proficiency by providing scores from an internationally accepted standardized examination before a decision is made on admission.
5. Grade Point Average
 - a. Minimum of 3.0 on 4.0 scale.
 - b. Students whose overall GPA is 2.75 to 2.99 may be admitted under some circumstances. An applicant's record should demonstrate superior achievement in undergraduate mathematics.

Application Deadlines (for domestic applicants)

Fall Semester: July 1

Spring Semester: December 1

Summer Semester: May 1

Application Deadline (for international applicants)

Fall Semester: May 1

Spring Semester: October 1

Assistantships

Applicants may also apply for a Teaching or Research Assistantship by submitting three letters of recommendation with an assistantship application (<https://www.umsl.edu/gradschool/files/pdfs/assistantship-app.pdf>) to the graduate program in Mathematics. Applications for financial assistance should be submitted before **February 1** prior to the academic year in which the student expects to begin graduate study. Please note that you must apply for admission before we can consider an application for an Assistantship.

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Application Fee

\$50 for domestic applicants; \$40 for international applicants

Graduate Program Director

Dr. Adrian Clinger

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