Mathematics, MA

LAMATHMA

Spring admission is limited to students in the Accelerated Master's program.

Prepare to be a successful professional mathematician in business, industry or education. You'll receive a breadth of training that will broaden your knowledge in several fields of mathematics.

Program description

Degree awarded: MA Mathematics
The MA program in mathematics is designed to increase students' mathematical knowledge beyond the traditional level of a bachelor's degree to prepare them for careers that require sophisticated mathematical skills.

Students may choose to specialize in applied mathematics, core mathematics, mathematics education or statistics through their course selections.

At a glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computational Mathematical Sciences, BS

Mathematics, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply.

Degree requirements

30 credit hours and 2 written comprehensive exams, or
30 credit hours and a portfolio, or
30 credit hours, a thesis and a written comprehensive exam

Required Core (3 credit hours)
APM 505 Applied Linear Algebra (3) or APM 506 Computational Methods (3) or MAT 543 Abstract Algebra I (3) or MAT 570 Real Analysis I (3)

Electives (21 or 27 credit hours)

Culminating Experience (0 or 6 credit hours)
MAT 599 Thesis (6)
portfolio (0)
two written comprehensive exams

Admission requirements

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related field from a regionally accredited institution and have completed coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. statement of education and career goals
4. resume
5. three letters of recommendation
6. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid options to find out which will work best for them.

Application deadlines

Fall

Summer   expand

                    expand

Career opportunities

Graduates of the Master of Arts program in mathematics possess sophisticated mathematical skills required for careers in many different sectors, including education, industry and government.

Potential career opportunities include:

- finance and investment analyst
- mathematician
- mathematics professor or instructor
- operations research analyst
- statistician

Students also may pursue further graduate study in mathematics or statistics in preparation for an academic career.

Contact information

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