

New Program Proposal

Mathematics BA/BS-MA, Accelerated MA

This is an Accelerated MA degree program in Mathematics. It is designed to provide an opportunity for mathematics majors at the University of Missouri-St Louis (UMSL) with strong academic record to start earning graduate credit before completing their undergraduate degree and to accelerate the time required as graduate students to earn their master's degree. A student in this program can use up to 12 credit hours for both their undergraduate degree and their master's degree.

Admission Requirements

Undergraduate math majors can apply for provisional admission for this program if

1. They have completed at least 60 credit hours of coursework and
2. Their GPA is 3.0 or higher.

Students submit their applications to the department. Once a student is admitted in this provisional status, the student continues to work towards their undergraduate degree until the student completes 90-102 undergraduate credit hours. Meanwhile the student will be advised to complete the required courses for graduate admission.

A provisionally admitted student is reviewed for formal admission after completing 90 undergraduate credit hours. Minimal requirements for admission include

1. GPA of 3.0 or higher at the time of the review
2. MATH 1320, MATH 2020, MATH 2450, MATH 3250 - all completed with a grade of B- or higher.

A student's application meeting the minimal requirements does not mean the student is automatically admitted in this program. The math graduate committee will review the application and make a decision.

Program Requirements

1. The requirements for the BA/BS and MA in math remain unchanged.
2. Once the student is admitted to this program, the student is allowed to take courses toward their master's degree.
3. A student in this program can apply up to 12 credit hours of 4000-level and above courses towards both the bachelor's and master's degrees. Students may receive their bachelor's degree before they complete the master's degree when they have completed the requirements and have applied to graduate.
4. In case a student cannot complete the master's degree for some reason, up to 12 credit hours of graduate-level courses taken as an undergraduate can be applied toward the BA/BS degree but not to a subsequent master's degree.
5. Students will pay graduate fees after being converted to graduate status.

Justification for request:

This accelerated program allows mathematics majors with strong academic record to apply and gain early admission into the MA program in mathematics. It allows admitted students to start earning graduate work credit before actually completing their undergraduate degree. This program should make both our undergrad and graduate programs more attractive and hence potentially increase significantly the enrollment numbers. This accelerated program allows mathematics majors with strong academic record to apply and gain early admission into the MA program in mathematics. It allows admitted students to start earning graduate work credit before actually completing their undergraduate degree.

The program is similar to the current 2 + 3 programs; however, in the Accelerated Master's program, undergraduates will receive a bachelor's degree when they complete the requirements, before they complete the master's degree. This program should make both our undergrad and graduate programs more attractive and hence potentially increase the enrollment numbers.