**Accelerated Master’s degree program (AMP) in Mathematics**

Overview:

* The first four years consist of an undergraduate program that includes the core requirements for a minor in mathematics together with other courses that lay a solid mathematical foundation. (This encompasses both a major in mathematics or a major in another STEM discipline with a strong mathematics foundation.) This portion culminates in a Bachelor’s degree. During the fifth year, students take courses that complete the requirements for the Master of Science degree in mathematics. Thus, a motivated student can, with proper planning, earn a Master of Science in as little as one additional year after completion of their Bachelor's degree.

Financial benefits:

* Partial Tuition scholarships will provide 30% of the tuition cost for the remaining graduate credits taken after completion of the Bachelor's degree, provided that the student maintains a GPA of at least 3.0 in their graduate work.
* Some research funding may sometimes be available on a competitive basis.

Steps to join the Program:

* The student is advised to declare their intent to enter the AMP in writing to the Director of the Mathematics Graduate Program before the second semester of the Junior year and, ideally, before taking either Math 3472 (241) or 3766 (266). This is needed for successful planning of the student’s coursework in their remaining undergraduate education. This declaration of intent does not bind the student to enter the AMP; rather, its purpose is to encourage the student to begin planning their coursework towards that specific goal.
* A formal application is then made in the Spring of the student's Junior year. It is recommended that the student apply by April to ensure that the application is processed in time.
* The student’s GPA needs to be 3.2 or higher. The GPA on the core mathematics courses (Math 1234, 1248, 2055, 2248, and 2544 or 2522) also needs to meet the same criterion. *No GRE is required* for admission.

Course credit requirements:

* Once in the AMP program, students can double-count two pre-approved courses (6 credits) at the 5000 (or higher) level taken during their senior year towards both Bachelor's and Master's degrees.
* During their senior year, they must also complete one 6000-level mathematics course that will count only towards their MS degree.
* Thus, AMP students thus require only 21-24 additional graduate credits to complete their MS following completion of their Bachelor's degree.

More information on AMP:

CEMS: <https://www.uvm.edu/cems/accelerated_masters_programs> (will be updated by Fall 2024)

Math & Stats: <https://www.uvm.edu/cems/mathstat/accelerated_masters_program_amp> (will be updated by Summer 2023)