

# Mathematics, B.S./M.S.

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The five-year Bachelor of Science in Mathematics and Master of Science in Mathematics is a combined program within the College of Science and Technology. To participate in this five-year program, a mathematics major should be enrolled in the B.S. program. Application to continue in the M.S. program must be made to the graduate chair of the department no later than the first semester of the senior year. To be accepted by the M.S. program, a student must have a GPA of at least 3.25 in Mathematics courses when the application is made. Students must complete MATH 3141, MATH 3142 and MATH 4051 in place of MATH 3137 and MATH 3138, and MATH 3098 in place of MATH 3096 in order to be considered for admission to the Master's program. In addition to completing the B.S. requirements, the student must complete four additional graduate-level mathematics courses numbered 5000 and above by the end of her/his senior year. If the General Education and College requirements have also been met, the student will be awarded the B.S. degree at the conclusion of this portion of the program. All courses must be passed with a grade of C- or better, and no more than two graduate courses can carry a grade less than B- for the student to continue with the M.S. portion of the program.

## Fifth-Year Course Requirements

The student will take a total of six graduate-level courses, selected to conform to the M.S. requirements. At the end of the fifth year, the student must either write a master's thesis or pass one of the following examinations:

- Master's Comprehensive Examination in Pure Mathematics
- Master's Comprehensive Examination in Applied Mathematics
- Ph.D. Combined Comprehensive Examination (M.S. level pass)

For more information, see the following program pages: Mathematics B.S. (<http://bulletin.temple.edu/undergraduate/science-technology/mathematics/mathematics-bs>) and Mathematics M.S. (<http://bulletin.temple.edu/graduate/scd/cst/mathematics-ms>)

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