MATHEMATICS AND PHYSICS

Admission to the MS degree program requires a bachelor's degree from an accredited institution with a major in mathematics, mathematics with secondary certification, or related field in science. The student's entire record will be considered including the completed application for admission, overall undergraduate GPA, upper level GPA, GPA in the discipline, a Statement of Purpose, and two sealed letters of reference attesting to qualifications of applicant.

- Satisfaction of all other requirements of Texas A&M International University for graduate admission
- Students must submit transcripts from all institutions attended and two sealed letters of reference (at least one of which from faculty outside the departmental graduate admission committee) to the Graduate School (OGSR) for acceptance into the MS degree program.
- Students will not be fully admitted to the graduate program of the University until all of the above entrance requirements are met. If an applicant does not meet these minimum requirements, OGSR may approve admission of the applicant on a conditional basis using the graduate admission formula.

Stemwork

It is strongly recommended that a student seeking a MS degree in Mathematics should have a bachelor's degree with a major in Mathematics or related field. However, if a student is seeking a MS degree in Mathematics without a Bachelors in Mathematics, then the following are the minimum requirements as preparation for the graduate coursework:

Code	Title	Semester Credit Hours
MATH 1316	Plane Trigonometry	3
or MATH 2412	Pre-Calculus	
MATH 2413	Calculus I	4
MATH 2414	Calculus II	4
MATH 2415	Calculus III	4
MATH 3310	Introduction to Linear Algebra	3
MATH 3320	Modern Geometry	3
or MATH 3325	Geometry	
MATH 3360	Statistical Analysis	3
MATH 3365	Discrete Mathematics	3
MATH 4310	Abstract Algebra I	3
MATH 4335	Advanced Calculus	3

The student's advisor and/or committee may require additional courses if thought necessary to prepare the student for a specific field in mathematics.

Degrees
Master's Degrees

- Master of Science in Mathematics (MS) (https://catalog.tamiu.edu/graduate-information/arts-sciences/mathematics-physics/master-science-mathematics-ms/)
- Master of Science in Mathematics Non-Thesis (MS) (https://catalog.tamiu.edu/graduate-information/arts-sciences/mathematics-physics/master-science-mathematics-non-thesis-ms/)
- Master of Science in Mathematics, Applied Statistics Track Non-Thesis (MS) (https://catalog.tamiu.edu/graduate-information/arts-sciences/mathematics-physics/master-science-mathematics-applied-statistics-track-non-thesis-ms/)
- Master of Science in Mathematics, Mathematics Education Track Non-Thesis (MS) (https://catalog.tamiu.edu/graduate-information/arts-sciences/mathematics-physics/master-science-mathematics-mathematics-education-track-non-thesis-ms/)