

School of Natural Sciences and Mathematics

Bachelor of Science in Mathematics / Bachelor of Arts in Mathematics



Mathematics is the universal language essential to formulate and express ideas in science and engineering. As our society becomes more sophisticated and technical, mathematics is playing increasingly important roles in other areas such as business and the social sciences as well. As probably the oldest and most basic science, it provides the foundation for the major technological achievements of our time.

Programs in Mathematical Sciences

Students seeking a degree in mathematics may choose from the following three specializations. This flexibility allows students to better adapt their educational experience to further their academic goals.



Mathematics Specialization: For students interested in a career in mathematics and for those who choose to continue their education at the graduate level in mathematics, applied mathematics, mathematics education or disciplines, such as statistics and actuarial science, that use mathematics.

Statistics Specialization: For students interested in probability and statistical models and their use in data analysis and decision making and for those interested continuing on to graduate education in statistics or data science.

Applied Mathematics Specialization: For students interested in mathematics for the purpose of using it broadly in various application areas and for students interested in continuing on to graduate work in applied mathematics or related disciplines such as engineering.

Students interested in obtaining both a BS in mathematics and teacher certification in the state of Texas should consult the **UTeach Dallas Office** or the **Teacher Development Center** for specific requirements as soon as possible after formal admission to the University.

Career Potential

UT Dallas graduates with degrees in mathematics leave the university well prepared for graduate school or careers in a business or technical environment. The jobs of a mathematician, statistician and actuary consistently appear among the top jobs in the rankings of 200 jobs by CareerCast's Jobs Rated Almanac based upon factors such as work environment, income, hiring outlook and stress. The University's Career Center is an important resource for students pursuing their careers. Licensed counselors are available to provide strategies for mastering job interviews, writing professional cover letters and resumes and connecting with campus recruiters, among other services.

Mathematical Sciences at UT Dallas

Students must take 120 hours to graduate: 42 from the University's core curriculum and 48 hours in the major, plus elective requirements, where students can tailor their learning experience more closely to their interests.

High School Preparation

Students preparing for BS in mathematics at UT Dallas should have a solid study foundation in upper-level mathematics, a strong interest in mathematics and good study habits.

Contact Information

Office of Admission and Enrollment

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