

| BACHELOR OF SCIENCE

MATHEMATICS

Agile thinking for a fast-changing world

MATHEMATICIANS TACKLE AND SOLVE PROBLEMS.

Numbers are a whole other language. The Texas Tech bachelor's degree in mathematics will prepare you to work with one of the oldest and most fundamental sciences. Mathematics majors develop their problem-solving abilities by identifying and investigating a problem's essential features. In the process, they propose creative solutions. As a math major, you will learn to apply basic logical principles and develop a facility for reasoning. As a graduate, you will have the skills essential to success in fields such as investment banking, computer science, and bioinformatics.



POTENTIAL FIELDS OF STUDY:

MARKET RESEARCH: They use a range of research tools to learn what people think. Then they analyze their data to help companies determine what types of products people want to buy.

FINANCE: They use math to analyze markets and to optimize cash flow, company earnings, and risks. They can make sense of sophisticated financial data in order to design and execute successful plans for their clients and employers.

SOFTWARE DEVELOPMENT: They know how to approach the intersection between specific tasks and software solutions. Working with suitable computing platforms, math graduates develop skills in producing computing solutions to business challenges.

DATA SCIENCE: Math graduates can work with large data sets and find career opportunities in fields such as cybersecurity, fintech, and bioinformatics.

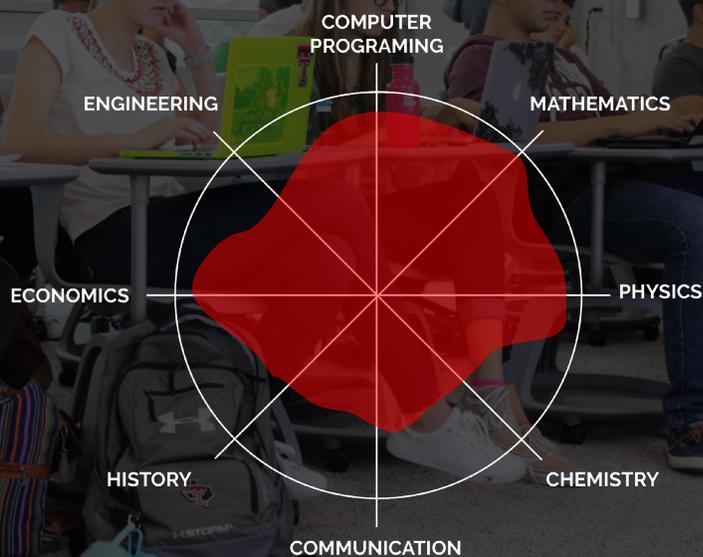


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STUDENT TO PROFESSOR RATIO

EXPLORING MATHEMATICS SOLUTIONS FOR REAL-WORLD PROBLEMS.

The Texas Tech Mathematics and Statistics Department is dedicated to balancing research and high-quality education in order to produce top-level graduates in our field. We are also committed to giving students the chance to explore different areas of application in order to best equip them with marketable skills upon graduation. A degree in mathematics will give you the tools you need to analyze data, explore creative solutions, and impact organizations as they explore modern challenges.



THREE MINORS TO SUPPORT YOUR SUCCESS

At Texas Tech-CR, mathematics majors complete one of three minors: Computer Science, Business, or Technical Communication. A minor is significant preparation in a second academic discipline. It enhances your major and allows you a wider scope of expertise.

Computer Science

The combination of Mathematics and Computer Science is the foundation of all engineering and scientific disciplines. Your knowledge of math will help you solve computing problems, and using computing and math together will help you solve almost any problem. Together, these skills allow you to discover solutions and meet the needs of ever-changing markets. A minor in Computer Science will give you a solid foundation in this essential field. From there, you can explore areas of your own interest. Use computing to carry out mathematical tasks, analyze and visualize data, or create software to make your life easier.

Business

The minor in Business is useful for all students, whether or not you envision yourself managing an organization or have a strong interest in leadership. The study of business entails commercial, industry-specific, and professional knowledge and abilities. Texas Tech offers an educational program that supports the development of the global economy and advances knowledge through high-level research. A minor in Business can lay a strong foundation for your entrepreneurial spirit. It is a major asset that sets you apart from your peers!

Technical Communication

Technical Communication prepares students to use any form of communication necessary to accomplish a clear purpose. A minor in Technical Communication combined with a B.S. in math means you will stand out as a communicator. It will help you reach essential audiences, and your confidence with professional documents, bilateral agreements, and critical thinking will grow. With this minor, you will have the subtlety and persuasive skills to communicate effectively with people from all walks of life.

