

# DEPARTMENT OF MATHEMATICS

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When you excel at many mathematics applications, you set yourself up to be a coveted resource, expert and asset to provide leading-edge insights and advanced solutions to organizational challenges and opportunities.

If you are fascinated with the ways in which quantitative reasoning impacts our lives, the Department of Mathematics has a program that will appeal to you.

Learn how the principles of the various fields in mathematics work together to help you create innovative solutions and develop analytical skills to mathematically model your world. You will apply mathematics to a variety of issues, from data collection to mathematical theory. You will develop problem-solving skills through a combination of classroom learning with hands-on experience and strong faculty mentorship. Our diverse faculty members have a passion for teaching, and their guidance will challenge you to conquer any project you undertake, including:

- Working on current problems challenging the field of mathematics
- Developing computer programs to overcome issues encountered by software engineers
- Learning advanced teaching methods to pass on your love of mathematics to a new generation