



Bachelor of Science in **MATHEMATICS**

Take your love for math beyond solving problems to constructing solutions—in your career and ministry. Math affects every aspect of human experience—science, industry, education, even the arts. In our program, you'll explore the beauty and order of math, but you'll also learn how you can use math to understand the world and better steward its resources.

The study of mathematics reveals the character of a creative and orderly God. You love math, so it's easy to see the fun in studying how God makes numbers work together. But how can you transform your love for mathematics into a lifelong career or ministry?

In BJU's bachelors of science in mathematics program, you will study various branches of mathematics: analysis to abstract algebra to probability and statistics to differential equations or computational theory. You'll be ready to enter a range of exciting careers or go on for further study in the field.

Future Careers

Studying math isn't just for people who want to teach math. Though teaching math is an amazing option for someone with a math degree, there are tons of careers open to skilled mathematicians. Once you've earned your bachelor's of science in math, you'll qualify to work as a data analyst, an actuary, a business analyst, and so much more.

Since mathematics is foundational to many industries, majoring in mathematics enables you to branch into other areas of interest as your ambitions evolve. Here are just a few of the career options available to you:

- Cryptography
- Business analysis
- Data analysis
- Research analysis
- Economics
- Engineering
- Statistics

- Mathematics Education
- Logistics and Operations Research
- Actuarial Science

Here's what some of our grads are doing:

- Working as a professional economist
- Working as a professional astronomer
- Working as actuaries
- Developing apps
- Developing software
- Teaching at colleges and universities
- Authoring math and science textbooks
- Earning master's degrees and doctoral degrees at universities such as Clemson University, Indiana State University, Michigan Technical University, and many others.

Why study mathematics at BJU?

BJU's mathematics program goes far beyond routine drills and solving equations. Throughout the program, you will be challenged to think critically and logically as you construct valid arguments supporting your solutions to problems—skills that are necessary in every aspect of your life, not just your job.

Your professors will teach you more than how to arrive at a number—they'll teach you how to engineer solutions to real problems, drawing from their experience as mathematicians active in academia and in industry.

Nearly half of our graduates go on to graduate school to pursue a specialty and to gain additional experience—most of them in mathematics fields, but some enter fields like economics and even meteorology. Our program allows for a concentration in a related STEM field—opening up even more opportunities for you in rapidly expanding tech fields. Your professors have all been through the process of choosing grad schools and doctoral programs and can prepare you for what to expect through your academic career and beyond.

Most importantly, the mathematics program at BJU helps you see how your faith in God and your love for math intertwine. You'll learn why honesty, integrity and diligence are essential in your career and how God is glorified by the demonstration of His character in your work.

To learn more about BJU's philosophy and practice of mathematics, please visit our department website at math.bju.edu.



Interested?

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