Bachelor’s Degree in Mathematics

“High school taught me the function of math --- the Department of Mathematics at Colorado State University taught me the beauty. From there, it was a four-year relationship with a gorgeous subject. The courses, faculty and learning environment surrounded me with a constant presence of thought and artistry. From holding math classes on the front lawn during a stunning spring day, to collaborating with classmates in the student watering hole - ideas flowed. Mathematics isn't just about numbers; it's about the philosophy and the history behind it. The critical thinking skills I learned at CSU skyrocketed me into my career as an aviator. Hands down, my best four years in education were at CSU.”
- Amanda Zeringue is currently an officer in the United States Air Force

Exciting Pathways

CSU Math thrives on a synergy of mathematical inquiry, mathematics motivated by engineering and the sciences, and a dedication to education, underlined by faculty who research best teaching practices. You may choose a general mathematics education or focus on actuarial sciences, applied mathematics, or the teaching of mathematics. We help you to explore and find the best fit!

“CSU offers a broad range of classes and opportunities that gave me the space to explore my interests and customize my degree. To be a part of this community of diverse thinkers was deeply rewarding!”
- Christie Burris won a poster prize for her research at the Mathematics Meetings in San Antonio and is now studying mathematical biology at Virginia Tech.

A degree in mathematics prepares you for 7 of the 10 Best Jobs of 2016 (careercast.com). Mathematics is one of the 10 most profitable college degrees according to data from payscale.com.

Our past graduates have gone on to a broad spectrum of careers. Here is a sample:

Consulting
Consulting
Data Analysis
Data Analysis
Education Administration
Education Administration
Engineering
Engineering
Financial Analysis
Financial Analysis
Financial Services
Financial Services
Graduate School
Graduate School
(in mathematics and other disciplines)
(in mathematics and other disciplines)
Information Technology
Information Technology
Insurance
Insurance
Internet Services
Internet Services
Law
Law
Management
Management
Medicine
Medicine
Military
Military
National Security Administration
National Security Administration
Research Laboratories
Research Laboratories
Risk Management
Risk Management
Sales
Sales
Software Engineering
Software Engineering
Statistical Analysis
Statistical Analysis
Teaching
Teaching
(middle school/high school/college)
(middle school/high school/college)

Questions? Contact us!

Mathematics Advising Center
mathdept@math.colostate.edu
Phone: (970) 491-1303
“Discovering the magic of non-orientable surfaces while sitting on the grass of the CSU oval in Professor Cavalieri's topology course was a defining moment in my mathematics career. It opened my eyes to the wonder of math and the flexibility of being a mathematician. You can do math anywhere!”

- Anna Romanova is now exploring geometric objects (often while sitting in the grass) as a graduate student at the University of Utah.

The Calculus Center
You will find support in our friendly Calculus Center which offers extended tutoring and small-group mentoring and encourages active student learning.

“It is nice getting quality help from instructors and learning assistants in the Calculus Center. The quality of help gives me extra time to reallocate to other studies as well.”

- current CSU student Jordan Orth

Fun Together
The CSU Math Club, the Actuary Club, the STEM Education Club, and the CSU Chapter of the Society for Industrial and Applied Mathematics all offer the chance to interact with peers. Participate in a club to get to know professors and their research, share math with elementary school students, or to travel to and present at national mathematics meetings.

CSU students who choose to participate in the annual Putnam Mathematics Competition enjoy working together and sharing ideas as they prepare. CSU has a history of success in this challenging competition. The 2016 CSU team, for example, placed 31st in the nation out of 554 participating institutions (and first in Colorado).

Join Us at the Forefront of New Discoveries

At CSU I had the opportunity to do research with professors, graduate students, and fellow students which was enriching in many ways. It is exciting to be able to see the work professors are doing in areas such as face recognition software or dynamics of disease spread. Working with and getting to know graduate students and professors also helped me be able to make decisions on my career goals.

- Rachel Popp is currently a graduate student at City University New York.

Unique at CSU: Students interested in combining math with hands-on activities may participate the Patterns Analysis Lab, the Electrical Impedence Tomography Lab (developing new approaches to medical imaging), or the Laboratory for Mathematics in the Sciences.

“I received so much support from both my professors and fellow students and made lasting friendships. My education went far beyond learning math concepts. It fanned my curiosity to continuously learn and explore the world and showed me the joy of doing that with other people.”

- Myla Kilchrist is currently a geophysicist at Schlumberger