

## Community

As the flagship university of the state of Colorado, CU Boulder has a dynamic environment of scholars and students situated on one of the most spectacular college campuses in the country.

The Mathematics department has an award-winning graduate faculty and over 60 graduate students. An active research seminar culture with highly engaged faculty, students, and numerous visiting scholars and postdoctoral fellows, add to a rich and collaborative intellectual community on the forefront of research in mathematics.

## Research Areas

- Algebraic geometry
- Arithmetic geometry
- Combinatorics
- Differential geometry
- Functional analysis
- Logic and Foundations
- Operator algebras
- Mathematical Physics
- Noncommutative geometry
- Number Theory (algebraic, analytic, coding theory)
- Partial differential equations
- Probability
- Topology



## CONTACT US

<https://www.colorado.edu/math/>

Graduate Assistant  
[gradmath@colorado.edu](mailto:gradmath@colorado.edu)

## MATHEMATICS GRADUATE PROGRAM



## Program of Study

During the first two years of study, students develop their breadth in mathematics and establish a foundation for the area in which they will concentrate. With 20+ graduate courses offered each year, classes cover both core mathematics areas as well as specialty topics.

PhD students may also choose to obtain a master's degree in mathematics.



## Financial Support

- Full tuition waiver
- Partial fee waiver
- Stipend for nine months (~\$24,000)
- 91% of the student health insurance premium is covered
- Additional summer support is provided to most students through fellowships, research grants, and teaching (~\$6,000)

## Distinctive Features of our Program

- Collaborative working and studying environment
- Strong TA training and opportunities for teaching experience; including unique offerings and instructor level positions for advanced students
- Supportive student community; many opportunities to engage in activities and leadership

## Boulder

Nestled in the foothills of the Rocky Mountains, Boulder is a vibrant city of 108,000 which ranks consistently at the top of national lists of best places to live. This thriving town has noteworthy restaurants, an active arts scene, and prioritizes sustainability and a bike-friendly culture.

With mild four-season weather, students take advantage of an abundance of outdoor recreation including camping, hiking, rock climbing, skiing, and more.

## Commitment to Diversity & Equity

Our department is dedicated to fostering an inclusive, supportive, and diverse community, where students of all identities can thrive. We strongly encourage applications from members of historically excluded groups in mathematics. Students experiencing financial hardship may petition the Graduate Assistant to have application fees waived.

## Alumni

Our graduates hold faculty and postdoctoral positions at universities and national laboratories, and careers in industry.