MATHEMATICS

At Baylor University, students enjoy easy access to world-class scholars — many with external research funding. Working in a close-knit social setting with friendly faculty, graduate students in the **Department of Mathematics** move through a carefully designed and rigorous program culminating in front line research. Our students graduate with the knowledge and expertise to become leading independent scholars who move quickly into both academic and professional positions.

PROGRAM

Our graduate program ensures students are well grounded in the theory of mathematics with a comprehensive plan of coursework taught by caring professors. Students rapidly move into the forefront of current research and receive teaching opportunities with personal mentoring. We maintain an active colloquium schedule enlisting distinguished speakers from the world, as well as providing supplemental funds to encourage student travel to conferences.

RESEARCH

We currently have seven active research clusters:

- Algebra
- Analysis
- Differential equations
- Mathematical physics
- Numerical analysis (PDEs and linear algebra)
- Representation theory
- Topology

These areas include research in large algebraic structures, quantum chaos, topological dynamics, zeta functions, meta-numerical computing and game theory.

FINANICAL AID

All accepted students receive a graduate assistantship consisting of full tuition remission and a stipend of $22,900. Exceptional students are eligible for up to $8,000 in enhancement funds, bringing the total possible stipend up to $30,900.

WHAT OUR STUDENTS SAY

"I am absolutely glad I came. The department was very close. Professors were always available and even eager to help us one-on-one outside of class. Not only that, but the professors were world class teachers and researchers."
—Joshua Buckner

"I like the openness of the professors. They make you feel comfortable about asking anything. Since it is a small program, you have a chance to get to know what everybody is working on, and that gives you a wider panorama of what to do and which field to concentrate on."
—Pedro Morales

"I've found the faculty to be very warm and engaging. I've never had any trouble getting help with a problem or finding an instructor for an independent study. Upon arriving here, you quickly feel that the faculty is 'on your side' and really cares about your success."
—Brian Williams

ADMISSIONS

We are primarily interested in admitting PhD students and only admit MS students under special circumstances. Recent successful applicants had an average quantitative and verbal GRE in or near the 90 percentile range. Some important areas that strengthen an application include high GRE scores, excellent letters of recommendation and success in many proof based courses — beginning with real analysis (the theory of single and multivariable calculus and beyond) and abstract algebra (groups, rings, fields, etc.).

To ensure full consideration, we recommend that all admissions materials be received by **January 1**.

CONTACT

Department of Mathematics
Email: MathGrad_Admissions@baylor.edu
baylor.edu/math