Students develop an advanced background in mathematics, emphasizing analysis, abstract algebra and topology.
Why choose Texas State?
Texas State offers opportunities to work with outstanding faculty in a collegial atmosphere where mathematicians and mathematics educators collaborate closely. The multi-faceted program offers a strong foundation and research opportunities in mathematics, applied math, and mathematics education, preparing students for further graduate study, teaching, or industry positions.

The M.S. in mathematics prepares students with the applied mathematical knowledge and critical thinking abilities needed to pursue doctoral degrees, teaching careers or leadership positions in industry.

Course Work
The M.S. in mathematics consists of 36 hours of courses with the option of pursuing a minor and/or thesis. There is a nine-hour mathematics core in real analysis, abstract algebra, and topology; appropriate elective courses spanning a variety of topics, including differential equations, complex analysis, metric spaces, and discrete mathematics; and a culminating comprehensive exam. Graduates develop a well-balanced foundation in mathematics content and the ability to use mathematics in their chosen area. An active research environment supports each student’s interests with a variety of weekly seminars, including colloquia by national leaders in mathematics, applied mathematics and mathematics education.
Department Mission

The strengths of the master’s programs lie in the depth and breadth of the mathematics courses and an active research environment. The mission is to develop graduates who can contribute to research as future leaders in mathematics or mathematics education, with a vision of enhancing our programs nationally for research and innovation in mathematics education. The goals are to:

- develop a strong foundation in mathematics content
- prepare future leaders in pure and applied mathematics or mathematics education
- produce innovative thinkers and problem solvers who can contribute to the needs of the state in science, technology, engineering and mathematics (STEM)

math.txstate.edu
Faculty
The Department of Mathematics has over 75 full-time faculty members with diverse areas of interest and training. Faculty research areas include discrete mathematics, graph theory, combinatorics, algebra, analysis, applied mathematics, bifurcation theory, the calculus of variations, numerical analysis, differential equations, non-linear functional analysis, number theory, topology and statistics. There are about 20 members with research interests in mathematics education, one of the largest and most active groups in the country.

Career Options
In addition to being well prepared for doctoral study, graduates of the M.S. program in mathematics are equipped for positions such as:

- researchers in scientific corporations or nonprofit agencies
- leaders in industry or state agencies
- faculty at the community college or university level
Important Deadlines*

Admissions
Fall: June 15
Spring: October 15
Summer: April 15
Summer midterm: June 1

Applications will continue to be considered on a space-available basis after the deadline.

Funding: Scholarships, Fellowships and Assistantships
The deadlines to apply for certain types of funding may be earlier than the deadlines above.

View our web page for more details: gradcollege.txstate.edu/funding

How to Apply
For information regarding admission requirements and submission instructions, please visit: gradcollege.txstate.edu/apply

*International applicants can view specific deadlines and requirements at: gradcollege.txstate.edu/international

For information on deadlines, admission requirements and funding, visit: gradcollege.txstate.edu/programs/math
I loved earning my master’s degree in mathematics at Texas State because the small class sizes allowed me to work one-on-one with professors. The program provided the opportunity for research and publication, which was the preparation I needed to begin pursuing a Ph.D. in mathematics.

– Ellen Robinson, M.S. student at Texas State University