

# Graduate Study in Mathematics at the University of South Carolina

## Application Deadline

**February 28, 2020.** We will continue to review applications until all available positions are filled.

## How to Apply

Application parts include

- Official transcripts
- 2+ rec. letters
- General GRE test scores
- Statement of purpose
- TOEFL for international applicants
- Optional materials such as GRE subject test score, publications,...

To apply, visit

<https://www.sc.edu/apply/>

## Assistantship Details

- Base 9 - month stipend: **\$19,500 - \$20,500**
- Full tuition abatement

## Additional Resources

- **Fellowships:**  
\$4,000 - \$8,000/year
- **Summer support:**  
\$3,500 - \$4,500 for students who teach

## Program Overview

**Tenure-track faculty:** 37

**Ph.D students:** 47

**Primary faculty research areas:**

Algebraic Geometry	Discrete Mathematics
Applied Mathematics	Functional Analysis
Approximation Theory	Logic and Set Theory
Commutative Algebra	Number Theory
Computational Mathematics	Quantum Information

**Graduate Student teaching responsibilities:**

- **First year.** Students serve as calculus teaching assistants.
- **Pedagogy courses.** In the first two years, students take two 1-credit semester-long seminars on pedagogy.
- **Years 2 - 5.** Students can be instructors of record for college algebra, precalculus, business calculus, or finite math.
- **Years 4 - 5.** We allow the best student instructors to teach calculus, differential equations, or discrete math.

**Normal Progress to the Ph.D:**

Benchmark	Completion Date
<b>Pass two qualifying exams</b> (one in analysis and one in either algebra or applied math)	August prior to second year or January of second year
<b>Pass comprehensive exams</b> (based on course work in research area)	August prior to third year or January of third year
<b>Work on Ph.D thesis</b> (course work complete)	Years 3 - 5

**Questions?** Contact [graddir@math.sc.edu](mailto:graddir@math.sc.edu)