

Faculty and Fields of Interest

Abdelmalek Abdesselam	Mathematical Physics
Peter Abramenko	Group Theory
Julie Bergner	Algebraic Topology
Yen Do	Harmonic Analysis
Mikhail Ershov	Group Theory
Juraj Földes	PDEs
Evangelia Gazaki	Number Theory
Christian Gromoll	Probability
Zoran Grujic	PDEs
Benjamin Hayes	Functional Analysis
Craig Huneke	Commutative Algebra
John Imbrie	Mathematical Physics
Thomas Koberda	Geometric Topology
Slava Krushkal	Geometric Topology
Nicholas Kuhn	Algebraic Topology
Sara Maloni	Geometry
Thomas Mark	Geometric Topology
Tai Melcher	Probability
Jennifer Morse	Combinatorics
Ken Ono	Number Theory
Karen Parshall	History of Mathematics
Leonid Petrov	Probability
You Qi	Representation Theory
Andrei Rapinchuk	Algebraic Groups
Christian Reidys	Applied Mathematics
David Sherman	Operator Algebras
Weiqiang Wang	Representation Theory

Application Information

Get started with your application at:

<http://www.math.virginia.edu/graduate/admission>

Application Deadline:

January 15 annually

Bridge program information:

<https://graduate.as.virginia.edu/bridge-doctorate>

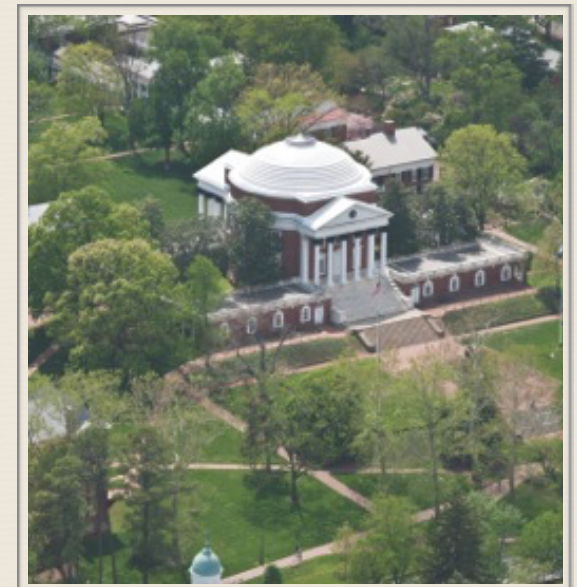
Bridge program deadline: **March 1, 2022**

Graduate Program

2021-22

For more information, visit our website

<http://math.virginia.edu>



Graduate Studies at UVA

THE MATHEMATICS DEPARTMENT offers a graduate program primarily leading to the **Doctor of Philosophy** degree in mathematics. The program provides diverse opportunities for advanced study and research in algebra, number theory, analysis, topology, geometry, probability, combinatorics, partial differential equations, mathematical physics, and history of mathematics. The mathematics department currently has 27 regular faculty members, about a dozen visitors and postdocs, and nearly 50 graduate students, creating a close-knit community of faculty and students.

All permanent mathematics faculty are internationally prominent in their research specialties and are often invited as visitors to other universities or overseas, are involved in organizing major conferences, and serve on the editorial boards of many journals. Many of our faculty have been recipients of prestigious awards including NSF CAREER awards, and Sloan, AMS, Guggenheim, and Fulbright Fellowships, and several of our faculty have been invited speakers at the International Congress of Mathematicians.

Application Procedure

The application deadline is **January 15**. More detailed requirements and information can be found at <http://www.math.virginia.edu/graduate/admission>

Please note that we do not usually admit students for a Master's degree only; our program primarily serves students seeking a PhD.

Application Checklist:

1. Online application;
2. Statement of purpose;
3. 2 or 3 letters of recommendation;
4. Unofficial transcript;
5. \$85 application fee;
6. TOEFL score (for international students).

There is **no separate application form for financial aid**; it is department policy to offer financial support to all admitted students.

Financial Support

Almost all mathematics doctoral graduate students receive full support throughout their study at the University, contingent upon satisfactory progress. Financial aid for entering students typically consists of **teaching fellowships**, which involve assisting in discussion sections of undergraduate courses. After the first year, support normally consists of teaching assistantships, which involve **teaching lower division undergraduate courses** such as calculus, but virtually every student receives **at least two semesters free of teaching** as they progress. Some students are supported through **competitive university fellowships**, as research assistants through faculty grants, or through the department's own Floyd Fellowship.

Academic year stipends range from **\$20,000 to \$30,000**, depending upon experience and duties, plus full coverage of individual **health benefits**. Additional **summer support** is normally offered to students demonstrating progress toward their degree in the summer. Some annual **travel money** is also available for conference and collaborative travel.

Bridge to the PhD

The Bridge to the Doctorate program at UVA seeks to support post-baccalaureate students who show outstanding mathematical potential and aptitude, but may have been limited by mathematics options at their undergraduate institutions, by a late start in mathematics, or other factors.

Our bridge program provides two full years of fellowship support without teaching duties, for enrollment in a customized combination of courses along with guided research opportunities. Students will receive \$24,000 per year in living support and full payment of their tuition, fees and single-person coverage in the University's student health insurance plan.

Application to the Bridge to the Doctorate is separate from the standard graduate application. For more information and to apply, see <https://graduate.as.virginia.edu/bridge-doctorate>.

Bridge program application deadline: **March 1, 2022**

The University of Virginia

UVA is one of the most respected universities in the country and is committed to maintaining its long tradition of excellence in research and education. There is a University-wide focus on graduate training and a goal to create an intellectually-stimulating environment for research, teaching, and service in order to recruit, mentor, retain, and graduate a talented and diverse community of graduate students. We believe successful graduate experiences rely on high-quality faculty, competitive financial support, and opportunities for professional and career development.

Founded by Thomas Jefferson in 1819, the University is at the heart of the beautiful city of Charlottesville. Nestled in the foothills of the Blue Ridge Mountains, Charlottesville provides ample opportunities for recreation and is easily within reach of larger cities such as Richmond and Washington, D.C. It's easily accessible by train, air or road from the cities of the East Coast, and a short drive from Shenandoah National Park. Charlottesville is known for its history, food and music, and is at the center of the Monticello wine-growing region.

For more information on graduate student life at UVA, please visit <http://www.virginia.edu/graduateguide/>
