

# Duke

TRINITY COLLEGE OF  
ARTS AND SCIENCES

## DEPARTMENT *of* MATHEMATICS

### PhD Program

- Algebra and combinatorics
- Algebraic geometry
- Applied math and analysis
- Biological modeling
- Computational math
- Geometry and topology
- Mathematical physics
- Number theory
- PDEs and dynamical systems
- Probability
- Signals, images, and data

### Duke Affiliates

- Computational biology
- Machine learning

### Interested?

- Next cohort begins Fall 2022
- Apply by December 13, 2021
- Fee waived for HBCU students
- More info at [math.duke.edu](http://math.duke.edu)
- [dgs-math@math.duke.edu](mailto:dgs-math@math.duke.edu)



### Academics

Duke is home to leading researchers across the mathematical sciences, including 17 Fellows of the AMS and 3 Fellows of the American Academy of Arts and Sciences. The department also hosts a Research Training Group in analysis, probability, PDEs, and computing, and the TRIPODS@Duke data science initiative.

### Outcomes

The PhD program provides excellent training for both academic and industry jobs. In the last 4 years, our graduates have obtained jobs at places like Oxford, UCLA, NYU, Harvard Medical School, Carnegie Mellon, Bloomberg, Ernst & Young, Amazon, and Google.

### Funding

Duke PhD students receive guaranteed funding for 5 years. This funding includes a full waiver of tuition and fees, a generous year-round stipend that covers living expenses, and 6 years of free health and dental insurance. Summer funding is provided with no teaching requirements.

### Application

The general and math subject GREs are an optional part of the Fall 2022 application, and you will not be disadvantaged by omitting either or both of these exams. Applicants from HBCUs are eligible to have their application fee waived by emailing [dgs-math@math.duke.edu](mailto:dgs-math@math.duke.edu).