



**THE GEORGE
WASHINGTON
UNIVERSITY**

WASHINGTON, DC

**DEPARTMENT OF
MATHEMATICS**

COLUMBIAN COLLEGE OF ARTS AND SCIENCE



GRADUATE STUDY IN MATHEMATICS

PROGRAMS AND PROGRAM HIGHLIGHTS

- Ph. D. Program
 - 72 credit hours of approved course work
 - Three written qualifying exams
 - Oral specialty exam on chosen topics
 - Dissertation and defense
- Masters Program
 - 30 credit hours of approved course work
 - Full- or part- time study
 - Small class size
 - Research seminars
 - Colloquium series
- Certificate Program
 - Graduate Certificate in Financial Mathematics
 - Graduate Certificate in Mathematics

CAPITAL LOCATION

GW is located in downtown Washington D.C., close to the White House and numerous research laboratories and government agencies, all of which significantly enhance educational, professional and cultural opportunities. Our students are immersed in a region that offers many academic and non-academic employment opportunities, including internships.

FACULTY EXPERTS

Our department has about 20 faculty, often complemented by visiting faculty and researchers. Our faculty, which is highly regarded in the international mathematics community, has expertise covering a wide range of research areas, including:

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|--------------------------|---------------------|
| ▪ Algebra | ▪ Dynamical systems |
| ▪ Applied math | ▪ Logic |
| ▪ Analysis | ▪ Topology |
| ▪ Differential Equations | ▪ Combinatorics |

THE GRADUATE STUDENTS

Our program offers small classes and has a good mix of students from the U.S. and abroad. Group study for courses and qualifying exams, research collaborations, a Graduate Student Seminar and mutual assistance for improving teaching are manifestations of our students' strong tradition of working together. Our graduates have gone on to successful careers in academia, business, industry, and government.

The Department of Mathematics is committed to high quality teaching and research. For more information

✓ math.columbian.gwu.edu

✓ gradmath@gwu.edu

✓ (202)994-6235

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