



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

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MATHEMATICS GRADUATE PROGRAM

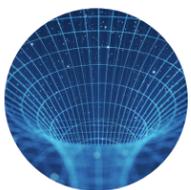
UNC-Chapel Hill, the flagship of the University of North Carolina system, is considered a Public Ivy, with approximately **20,000 undergraduate** and **12,000 graduate students**. The Department of Mathematics has roughly **30 tenured or tenure-track faculty members** and **10 postdoctoral faculty members**. The faculty, postdocs, and **more than 80 PhD students** make a vibrant and first-rate mathematical community, pursuing research and teaching at the highest levels.

RESEARCH AREAS



Algebra, Geometry, and Topology

Algebraic geometry, combinatorics, commutative algebra, complex manifolds, lie groups and algebra, mathematical physics, representation theory, singularity theory



Analysis and PDEs

Complex analysis, dynamical systems, ergodic theory, harmonic analysis and operator theory, mathematical relativity, microlocal analysis, partial differential equations



Applied and Computational Mathematics

Applied analysis, computational mathematics, data science, stochastics, and diverse interdisciplinary applications, including biology, medicine, pharmacology, fluid dynamics, physics, and material science, supported by experimental labs and computational facilities

44% of our PhD grads take postdoctoral and teaching positions at prestigious universities. **31% of our PhD grads** are employed by business and industry, and **25% of our PhD grads** go to government agencies, research institutes and other not-for-profits.

HIGHLIGHTS

PhD and Masters Program

- World-class research
- Committed to advancing underrepresented minorities
- Supportive and collaborative environment
- Diverse community
- 20+ graduate courses per year
- Finish your PhD in 4-6 years
- Finish your Master of Science in 2 years
- Promising career paths
- Training and mentoring for teaching
- National and international conference travel
- Summer research internships
- Integrated pure and applied math communities
- Extensive experimental and computational facilities

Financial Support for Phd Students

- Full tuition waiver
- Nine-month stipend
- Comprehensive benefits
- Competitive Teaching or Research Assistantships
- Most students receive additional funding in the summers through teaching or research positions
- Dedicated departmental support to identify and apply for graduate fellowships
- One of the most affordable research universities for graduate education

LOCATION

Located between the Appalachians and the shores of the Outer Banks, the Research Triangle is one of the most prominent high-tech research and development areas in the United States.



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