



MATHEMATICS

GRADUATE PROGRAMS

at THE UNIVERSITY OF CENTRAL FLORIDA

UCF

The University of Central Florida, located in Orlando, FL, is an emerging preeminent research university in Florida and one of the largest universities in the United States. UCF is one of the best colleges for quality, access, impact and value.



UCF DEPARTMENT OF MATHEMATICS

The faculty members in the UCF Department of Mathematics are leading experts in many fields and editors of many prestigious journals. They work on cutting edge research problems and they have honors such as invitations to speak at the ICM, a Marcus Wallenberg Prize, an ICTP Ramanujan Prize, and some are also Fellows of the Brazilian Academy of Science and the American Mathematical Society.

UCF MATH GRADUATE PROGRAM

The math graduate program offers a Ph.D. in Mathematics, an M.S. in Mathematical Sciences and a Graduate Certificate in Mathematical Sciences. The graduate program provides broad-based training in Pure, Applied, Industrial and Financial Mathematics.

SPECIALIZATIONS:

- Approximation Theory
- Applied and Computational Harmonic Analysis
- Big Data and Mathematical Statistics
- Combinatorics and Graph Theory
- Commutative Algebra and Algebraic Geometry
- Computational Mathematics
- Control and Optimization
- Differential and Symplectic Geometry
- Differential Equations
- Fluid and Plasma Dynamics
- Free Boundary Problems
- Financial Mathematics
- Inverse and Ill-posed Problems
- Mathematical Biology and Epidemiology
- Nonlinear Waves and Nonlinear Dynamics
- Numerical Analysis
- Orthogonal Polynomials
- Real and Functional Analysis
- Probability and Stochastic Analysis
- Tomography and Medical Imaging
- Topology

Recent graduates continue their math training as postdocs or have taken positions in academia, global business and industries and government agencies.

GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Many Graduate Teaching Assistantships and Graduate Research Assistantships are offered on a competitive basis for full-time Ph.D./Master's students. The program recommends graduate students for various university and national fellowships, as well as internships at local and national companies that provide invaluable work experiences.

For additional information about the graduate program, please visit sciences.ucf.edu/math/graduate



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