FACULTY & STUDENTS

The faculty in the Department of Mathematics includes leading experts in many fields and editors of many prestigious journals. They are working on cutting edge research problems.

Faculty members 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.

The program provides ample opportunities for interdisciplinary collaboration. Students express that a strong academic atmosphere made UCF a great place to pursue an advanced degree in Mathematics.

Students that have been recently awarded Ph.D./ Master's degrees continue their math training as postdocs or have taken positions in academic, government agencies and global industries.

WEB LINKS

MATH GRADUATE STUDIES
sciences.ucf.edu/math/graduate

ADMISSIONS INFORMATION
sciences.ucf.edu/math/graduate/admissions

APPLICATIONS
application.graduate.ucf.edu

UCF GRADUATE STUDIES
graduate.ucf.edu

COLLEGE OF SCIENCES
graduate.cos.ucf.edu

UCF

MATHEMATICS GRADUATE STUDIES

UCF

MATHEMATICS DEPARTMENT
4393 ANDROMEDA LOOP N
ORLANDO, FL 32816

P: 407-823-6284
F: 407-823-6253

MATH@UCF.EDU

PROGRAMS

UCF MATH GRADUATE PROGRAM
The UCF Math Department offers a Ph.D., Master's and Graduate Certificate program. The Ph.D. program in Mathematics started in Fall 1993, with a Financial Mathematics track added in Fall 2017. A Master's program in Mathematics was introduced in Spring 1971, with an Industrial Mathematics track added in Fall 2000 and a Financial Mathematics track added in Fall 2017. A Graduate Certificate in Mathematical Sciences began in Fall 2009.

The graduate program admits new Ph.D. and Master's students in the Fall and Spring semesters, and new graduate certificate students in the Fall, Spring and Summer semesters.

SPECIALIZATIONS
CURRENT GRADUATE PROGRAMS

The program provides broad-based training in Pure, Applied, Industrial and Financial Mathematics. Students can specialize in many fields including:

- Approximation Theory
- Applied and Computational Harmonic Analysis
- Big Data and Mathematical Statistics
- Combinatorics and Graph Theory
- Commutative Algebra and Algebraic Geometry
- 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 Epidemilogy
- Nonlinear Waves and Nonlinear Dynamics
- Numerical Analysis
- Orthogonal Polynomials
- Real and Functional Analysis
- Probability and Stochastic Analysis
- Tomography and Medical Imaging
- Topology

ADMISSIONS
GENERAL PROGRAM REQUIREMENTS

WRITTEN STATEMENT
Describing your educational/research interests and select the faculty member you believe would be best suited to serve as your major professor and mentor.

COMPLETED TRANSCRIPTS
Showing a bachelor's degree (and master's degree, if conferred) and grades for all undergraduate and graduate work; competitive applicants will have a GPA of 3.0 or higher in their last 60 hours of undergraduate study.

GRE & GMAT EXAMS
All applicants to Ph.D./Master's programs must provide official test scores for the Graduate Record Examination (GRE) or General Management Admission Test (GMAT), as required.

INTERNATIONAL STUDENTS
For applicants from countries where English is not the official language, or for an applicant whose bachelor's degree is not from an accredited U.S. institution, an official score of at least 220 on the TOEFL or a 6.5 on the IELTS is required.

APPLY AT:
application.graduate.ucf.edu

FINANCIAL AID
MATHEMATICS GRADUATE STUDIES

GRADUATE ASSISTANTSHIPS
We offer approximately 15 new Graduate Teaching Assistantships and Graduate Research Assistantships every year for full-time Ph.D./Master's students.

Teaching and research assistantships are available through the Department of Mathematics. Teaching assistants are assigned various departmental duties, which usually include assisting a faculty member or teaching one or two sections per term of an undergraduate course.

FELLOWSHIPS
There are various fellowship and internship opportunities available at UCF. Students are nominated for fellowships by the department, based on their credentials and the fellowships are awarded on a competitive basis. Internships at local and national companies in the Greater Orlando area provide students the opportunity for invaluable work experiences.

PROGRAM DIRECTOR
MATHEMATICS GRADUATE STUDIES

QIYU SUN
Professor
Department of Mathematics
407.823.4839
qiyu.sun@ucf.edu
sciences.ucf.edu/math/qsun