

Mathematics at the University of California, Riverside

At the University of California, Riverside, the graduate studies program in the Department of Mathematics emphasizes strong interaction with faculty in order to gain maximum benefit from coursework. First, the program allows students to explore new mathematical understanding in both personal and social contexts. Second, it immerses students deeply in exploration, inquiry, and analysis. Finally, the program familiarizes students with the ever-changing body of research literature related to learning and teaching mathematics and contemporary research methodologies.

The cumulative experiences of our mathematics program prepare graduates to enter top mathematics education programs, to take on important leadership roles in mathematics education communities, and to enter classrooms better equipped to teach lessons that encourage deeper mathematical thinking.

DEGREE PROGRAMS

The department offers the degrees of Master of Arts, Master of Science, and Doctor of Philosophy in mathematics. Core concentrations include:

- Algebra
- Applied mathematics
- Complex analysis
- Real analysis
- Topology

THE UCR CAMPUS

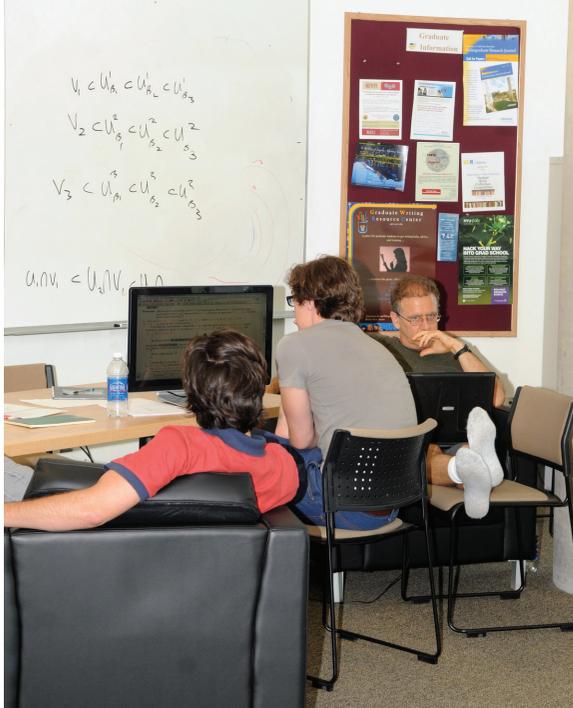
The University of California, Riverside, is a beautifully landscaped and fast-growing campus centrally located about 60 miles east of Los Angeles. UC Riverside couples the intellectual and material resources of the University of California system with an intimate research environment. Its unique environment promotes frequent and personalized contact between students and faculty.

FINANCIAL SUPPORT

UCR offers a variety of multiyear fellowship packages which may include stipends up to \$20,000, full or partial payment of tuition and fees, and appointment as a teaching assistant (TA) or graduate student researcher (GSR). The department offers teaching assistantships, community teaching fellowships, and research assistantships.

STUDENT BODY

In the Department of Mathematics at UC Riverside, we strive to provide a unique and personal experience to each and every student. The department currently enrolls approximately 67 graduate students and has 22 faculty members, who work closely with our students.



RESEARCH AREAS

- Algebraic geometry
- Applied mathematics
- Approximation theory
- Combinatorics
- Commutative algebra
- Complex analysis
- Differential equations
- Differential geometry
- Dynamical systems
- Functional analysis
- Lie algebras
- Representation theory
- Mathematical physics
- Order theory
- Probability theory
- Topology

On the front

The vibrations of the Koch snowflake drum (courtesy of Prof. Michel Lapidus, Cheryl Griffith, John W. Neuberger, and Robert Renka)

ADMISSIONS

Applications are accepted throughout the year for admission in the Fall, Winter, or Spring quarters.

<i>Admission to this quarter</i>	<i>Deadline</i>
Fall Quarter**	January 5
Fall Quarter*	May 1
Winter Quarter*	September 1
Spring Quarter*	December 1
*Admission Only	
**Admission & Fellowship Consideration	

The admission requirements specify that you must have at least a 3.20 GPA and a minimum GRE General Exam Score of 301-305.

International applicants and permanent residents whose native language is not English must score a minimum of 550 on the TOEFL paper-based exam, 213 on the computer-based version, or 80 on the internet-based version.

The deadline is January 5 for priority consideration for Fall admission and fellowship consideration. Other admission deadlines are as follows. Applications should be submitted online at gradsis.ucr.edu

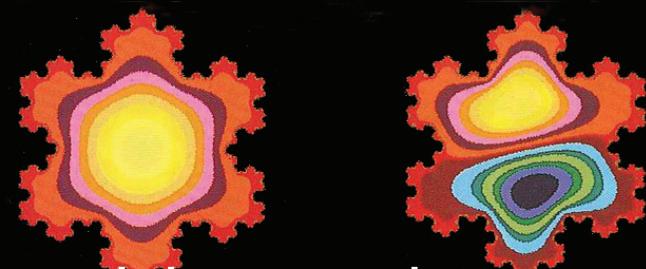
FOR MORE INFORMATION

Graduate Program in Mathematics
 University of California, Riverside
 CNAS Graduate Student Affairs Center
 1140 Batchelor Hall
 Riverside, CA 92521
 Toll free: 800-735-0717
 Telephone: 951-827-7378
 Fax: 951-827-5517
 Email: deidra.kornfeld@ucr.edu
 Web: mathdept.ur.edu

Growing great science

Building great minds

GRADUATE STUDY IN Mathematics



mathdept.ucr.edu