The City's University

SF State is a comprehensive urban university enrolling more than 24,000 students. The campus is located within the vibrant and beautiful city of San Francisco, with a rich intellectual and cultural life. SF State is best known for a long history of social justice activism and is home to the country's first College of Ethnic Studies.

The Graduate School

The Division of Graduate Studies at SF State enrolls more than 3,000 students seeking advanced degrees in 63 different programs. The vision of the Division of Graduate Studies is to become the premier urban, nationally recognized graduate school in California, and a destination campus for students looking for excellence, intellectual engagement, creativity, a culture of service, and a commitment to the public good.

For More Information

Graduate Coordinator for MA in Mathematics:
Dr. Chun-Kit Lai
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Math Department:
math.sfsu.edu (415) 338-2251

Division of Graduate Studies:
grad.sfsu.edu (415) 338- 2234

Information for International Applicants:
oip.sfsu.edu (415) 338- 1293

Information for Undocumented Applicants:
drc.sfsu.edu (415) 338-2588

Gender Equity in Mathematics:
sites.google.com/view/sfsumathematistas

Tenure-Line Faculty

Niny Arcila-Maya	Algebraic Topology, Topological Data Analysis
Federico Ardila	Combinatorics
Matthias Beck	Analytical Number Theory, Discrete Geometry
Henry Boateng	Applied Mathematics, Scientific Computing
Emily Clader	Algebraic Geometry
Luella Fu	Large-Scale Statistics
Arek Goetz	Dynamic Systems
Tao He	Statistics, Quantitative Biology
Shandy Hauk	Mathematics and Statistics Education, Dynamic Systems
Serkan Hosten	Algebraic Statistics, Combinatorics
Eric Hsu	Mathematics Education
Mohammad Kafai	Statistics
Chun-Kit Lai	Harmonic Analysis, Fractal Geometry
Shidong Li	Applied Computational Harmonic Analysis
Anandamayee Majumdar	Statistics
Ornella Mattei	Applied mathematics, Harmonic Analysis
Alexandra Piryatinska	Statistics
Dustin Ross	Algebraic Geometry, Combinatorics
Alexander Schuster	Complex Analysis
Kimberly Seashore	Mathematics Education

Master of Arts
Mathematics

San Francisco State University

MA in Mathematics

The Master of Arts in Mathematics at SF State offers students the opportunity to study advanced mathematics under the guidance of faculty with expertise in a broad range of research specialties in pure and applied mathematics, mathematics education, statistics, and data science. Classes are small, usually fewer than 20 students. and graduate students pursue their own mathematical inte rests through seminars and projects with faculty members. The expected completion time is two to three years. Many recent graduates have continued to top PhD programs, taken teaching positions at community colleges or high schools, or have used their advanced degree to find work in various sectors of industry and echnology.

Admissions

Admission to the MA in Mathematics program requires an undergraduate degree, but not necessarily a degree in mathematics. Many students with minors in mathematics have succeeded in the program. Applicants are expected to have completed three semesters of calculus, linear algebra, plus three upper division mathematics courses with a grade of B or higher in modern algebra and real analysis. Students without experience in algebra or analysis may be admitted conditionally on passing the missing course upon arrival. Applications are submitted on-line at https://www2. cal state. e du/apply.

While most MA students begin the program in the Fall, it is also possible for students to be admitted to begin in the Spring. Applications received by March 1 to begin in Fall are given priority consideration; however, applications for both Fall and Spring are reviewed and accepted on a rolling basis throughout the year.

Funding Your Education

MA students are eligible for a wide array of scholarships offered through the Department and the University. Some graduate students are partially supported by research grants of faculty members or fellowships from local or national organizations. Financial aid and student loans are also available to fund the MA program.

Many MA students also work as Graduate Teaching Associates (GTAs) or course graders. This teaching provides valuable experience for many students' future careers. GTAs receive guidance from course coordinators to help prepare lessons, assess student learning, and assign course grades. New GTAs have the opportunity to enroll in a one-semester Graduate Teaching Workshop led by a Mathematics Education faculty member.

New opportunities for funding are continuously becoming available, and prospective MA students are strongly encouraged to reach out to the Graduate Coordinator to learn more about the most current funding resources.

Degree Requirements

MA students are expected to complete 30 units of coursework in mathematics. Intermediate Algebra and Analysis are the two beginning courses. Students then choose 3 courses from the 4 course options: Measure Theory, Advanced Linear Algebra, Graduate Algebra, and Complex Analysis or Functional Analysis. The remaining units are a combination of advanced elective courses and independent study credits. In addition to coursework, the MA in Mathematics includes a culminating experience, which provides students the opportunity to work on cutting-edge research under the mentorship of one or more faculty members in the department.

Scan to learn more about the MA in Mathematics Program