

## DEPARTMENT OF MATHEMATICS

The mission of the Department of Mathematics is to teach and do research in the mathematical sciences. We aim to be a department which is both intensely research-active and student-centered. This is to be done in an environment that fosters close working relationships among undergraduate students, graduate students, postdoctoral fellows and faculty.

Faculty in the Mathematics Department have active research programs in areas of Algebra, Number Theory, Combinatorics, Geometry and Topology, Analysis, Applied Mathematics and Partial Differential Equations, Computational Mathematics, Mathematical Biology, Probability and Statistics.

The Mathematics Department at Tulane University offers a Ph.D. degree in Mathematics as well as Master of Science degrees in Mathematics, Applied Mathematics and Statistics.



The Mathematics Department is housed in the upper floors of Gibson Hall, a stone structure built in 1894. The department also has its own library, the A. H. Clifford Mathematics Research Library, housing over 31,000 bound volumes and subscribing to 370 journals devoted to all areas of mathematics and applications.

All faculty, graduate students and staff in the department are provided with a PC running either Windows, Mac OS X, or Linux. The department has a Linux-based server and high performance computing resources are available through the Tulane Center for Computational Science and Tulane's Cypress supercomputer, one of the 500 fastest computers worldwide.

Tulane University is located in America's most exciting and most visited city. New Orleans has a rich cultural life, with a symphony orchestra, operas, ballets, plays, a noted art museum, many art galleries, excellent jazz, a major jazz festival and many other events. For sports fans, the Saints (NFL) and the Pelicans (NBA) play their home games at the Superdome and the New Orleans Arena, and the city supports regional baseball and soccer teams. New Orleans is also famous for its cuisine; it boasts a number of great restaurants, and many more with inexpensive good meals.



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