
# BAYLOR UNIVERSITY GRADUATE STUDIES IN MATHEMATICS

The Baylor University Department of Mathematics offers graduate work leading to a PhD degree in mathematics. The mathematics faculty is actively engaged in research in a variety of areas including algebra, analysis, differential equations, mathematical physics, numerical analysis, representation theory, and topology. Individual attention and easy access to professors are hallmarks of the program.

## FINANCIAL AID

All accepted students receive a graduate assistantship consisting of a stipend of up to $32,500 for 12 months and tuition remission. Recent successful applicants had an average quantitative and verbal GRE in or near the 90 percentile range.

## ADMISSIONS

To ensure full consideration for financial assistance, we recommend that all admissions materials be received by **January 1**. The online application is available at http://www.baylor.edu/graduate/gobaylor.

Students interested in pursuing graduate studies in mathematics should visit the program's website at http://www.baylor.edu/math/graduate.

## THE UNIVERSITY

Baylor University, chartered by the Republic of Texas in 1845, is a private university affiliated with the Baptist General Convention of Texas. The University is located on the banks of the Brazos River in Waco, Texas, a metropolitan area of over 200,000 people. Waco offers a wealth of excellent restaurants, cultural events, museums and opportunities for outdoor recreation. Housing is affordable.

**Check out our new graduate program video at the link found at http://www.baylor.edu/math**

## FOR MORE INFORMATION

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BAYLOR UNIVERSITY

## MATHEMATICS FACULTY 2018-2019

John Davis (Auburn) *differential equations, dynamical systems*
Manfred Dugas (Kaiserslautern, Germany) *abelian groups, rings, modules*
Matthew Fleeman (South Florida) *complex analysis, function theory*
Fritz Gesztesy Ralph and Jean Storm Professor of Mathematics (Graz, Austria) *mathematical physics, spectral theory*
Jameson Graber (Virginia) *partial differential equations, applied mathematics*
Paul Hagelstein (Chicago) *harmonic analysis*
Jon Harrison (Bristol, England) *mathematical physics, quantum chaos*
Johnny Henderson Distinguished Professor of Mathematics (Nebraska) *dynamical systems, differential equations*
Daniel Herden (Duisburg-Essen, Germany) *algebra, set theory*
Markus Hunziker (U.C. San Diego) *representation theory, algebraic geometry*
Julienne Kabre (Illinois Institute of Technology) *computational partial differential equations*
Robert Kirby (Texas) *numerical analysis, mathematical software*
Klaus Kirsten (Kaiserslautern, Germany) *mathematical physics, spectral theory*
John Lee (Minnesota) *computational mathematics, numerical analysis*
Yan Li (Yeshiva) *partial differential equations*
Lance Littlejohn (Penn State) *differential operators, special functions*
Andrei Martinez-Finkelshtein (Moscow State) *approximation theory, analysis*
Jonathan Meddaugh (Tulane) *topology, continuum theory*
Tao Mei (Texas A&M) *harmonic analysis*
Ron Morgan (Texas) *computational mathematics, numerical linear algebra*
Brian Raines (Oxford, England) *topology, dynamical systems*
David Ryden (Missouri at Rolla) *continuum theory, dynamical systems*
Mark Sepanski (Massachusetts Institute of Technology) *representation theory, Lie theory*
Tim Sheng (Cambridge, England) *numerical PDE's, scientific computation*
Brain Simanek (Cal Tech) *orthogonal polynomials, potential theory*
Ron Stanke (U.C. Irvine) *representation theory, harmonic analysis*