

DEPARTMENT OF MATHEMATICS

Overview

The Department of Mathematics offers curricula which lead to the following undergraduate degrees: Bachelor of Science in Applied Mathematical Sciences, Bachelor of Arts in Mathematics and Bachelor of Science in Mathematics. An Integrated Fast Track combined baccalaureate/graduate degree program is also offered.

The curriculum for the BS in Applied Mathematical Sciences includes courses in economics, industrial engineering, statistics, computer science and mathematics. A student completing this program is prepared to enter employment with analytical and quantitative tools relevant to modern technological industries and/or modern financial markets. On the other hand, with the appropriate electives chosen, the student is prepared to enter quantitatively oriented graduate programs. Advising for this degree option is done through the Undergraduate Program Office in the Department of Mathematics.

With carefully chosen electives in education, any one of the above three degree plans can lead to teacher certification. Students interested in teacher certification may find the BA degree plan the most suitable since this degree plan offers the greatest flexibility for the inclusion of teacher certification courses.

Majors

- Bachelor of Arts in Mathematics (<http://catalog.tamu.edu/undergraduate/science/mathematics/ba>)
- Bachelor of Arts in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (<http://catalog.tamu.edu/undergraduate/science/mathematics/ba-ms>)
- Bachelor of Science in Mathematics (<http://catalog.tamu.edu/undergraduate/science/mathematics/bs>)
- Bachelor of Science in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (<http://catalog.tamu.edu/undergraduate/science/mathematics/bs-ms>)
- Bachelor of Science in Applied Mathematical Sciences, Actuarial Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-actuarial-emphasis>)
- Bachelor of Science in Applied Mathematical Sciences, Biological Science Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-biological-science-emphasis>)
- Bachelor of Science in Applied Mathematical Sciences, Computational Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-computational-emphasis>)
- Bachelor of Science in Applied Mathematical Sciences, Economics Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-economics-emphasis>)
- Bachelor of Science in Applied Mathematical Sciences, Math Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-math-emphasis>)
- Bachelor of Science in Applied Mathematical Sciences, Statistics Emphasis (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-statistics-emphasis>)

- Bachelor of Science in Applied Mathematical Sciences and Master of Science in Mathematics, 5-Year Degree Program (<http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematical-sciences-bs-ms>)

Minors

- Mathematics Minor (<http://catalog.tamu.edu/undergraduate/science/mathematics/minor>)

Faculty

Allen, Angela J, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 2005

Anshelevich, Michael V, Professor
Mathematics
PHD, University of California, Berkeley, 2000

Aurispa, Benjamin, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 2006

Austin, Amy L, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 1994

Baskin, Dean R, Assistant Professor
Mathematics
PHD, Stanford University, 2010

Battle III, Guy A, Professor
Mathematics
PHD, Duke University, 1977

Baudier, Florent P, Instructional Assistant Professor
Mathematics
PHD, Universite De Besancon, 2010

Berkolaiko, Gregory, Professor
Mathematics
PHD, University of Bristol, 1997

Boas, Harold P, Professor
Mathematics
PHD, Massachusetts Institute of Technology, 1980

Bollinger, Kathryn L, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 1998

Bonito, Andrea, Professor
Mathematics
PHD, Ecole Polytechnique Federale de Lausanne, France, 2006

Borosh, Itshak, Senior Professor
Mathematics
PHD, Weizmann Institute of Science, 1966

Brannan, Michael P, Assistant Professor
Mathematics
PHD, Queen's University, 2012

Cai, Yue, Visiting Assistant Professor
Mathematics
PHD, University of Kentucky, 2016

Carter, Tamara A, Instructional Assistant Professor
Mathematics
PHD, Texas A&M University, 2005

Chen, Goong, Professor
Mathematics
PHD, University of Wisconsin - Madison, 1977

Coffelt, Vanessa Lea, Lecturer
Mathematics
MS, Kansas State University, 2005

Comech, Andrew, Associate Professor
Mathematics
PHD, Columbia University, 1997

Daripa, Prabir, Professor
Mathematics
PHD, Brown University, 1985

Demlow, Alan R, Professor
Mathematics
PHD, Cornell University, 2002

Devore, Ronald A, University Distinguished Professor
Mathematics
PHD, Ohio State University, 1967

Dykema, Kenneth J, Professor
Mathematics
PHD, University of California, Berkeley, 1993

Efendiev, Yalchin R, Professor
Mathematics
PHD, California Institute of Technology, 1999

Epstein, Janice L, Instructional Associate Professor
Mathematics
PHD, Texas A&M University, 1992

Erdelyi, Tamas, Professor
Mathematics
PHD, University of Southern Carolina, 1989

Foucart, Simon, Associate Professor
Mathematics
PHD, University of Cambridge, 2005

Fry, Erin K, Lecturer
Mathematics
MS, University Of Illinois Urbana Champaign, 1990

Fulling, Stephen A, Professor
Mathematics
PHD, Princeton University, 1972

Gao, Li, Visiting Assistant Professor
Mathematics
PHD, University of Illinois, 2018
PHD, University of Illinois-Urbana-Champaign, 2018

Goswami, Souvik, Visiting Assistant Professor
Mathematics
PHD, University of Alberta, 2015

Grigorchuk, Rostislav, University Distinguished Professor
Mathematics
PHD, Moscow State University of Lomomosov, 1986

Guermond, Jean-Luc, Professor
Mathematics
PHD, Sorbonne Universites, 1995

Guo, Hao, Visiting Assistant Professor
Mathematics
PHD, The University of Adelaide, 2018

Gustafson, Robert A, Associate Professor
Mathematics
PHD, Yale University, 1979

Hanin, Boris L, Assistant Professor
Mathematics
PHD, Northwestern University, 2014

Harper, Alicia, Visiting Assistant Professor
Mathematics
PHD, Brown University, 2018

Hensley, Douglas A, Senior Professor
Mathematics
PHD, University of Minnesota, 1974

Hester, Yvette C, Instructional Associate Professor
Mathematics
PHD, Texas A&M University, 2000

Holmes, Irina, Assistant Professor
Mathematics
PHD, Louisiana State University, 2014

Howard, Peter B, Professor
Mathematics
PHD, Indiana University, 1998

Jantsch, Peter Alan, Visiting Assistant Professor
Mathematics
PHD, University of Tennessee, 2017

Johnson, Maya E, Lecturer
Mathematics
PHD, Texas A&M University, 2015

Johnson, William B, University Distinguished Professor
Mathematics
PHD, Iowa State University, 1969

Jung, Junehyuk, Assistant Professor
Mathematics
PHD, Princeton University, 2013

Kahlig, Joseph E, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 1994

Kerr, David G, Professor
Mathematics
PHD, University of Toronto, 2001

Kilmer, Kendra R, Instructional Assistant Professor
Mathematics
MS, Texas A&M University, 2003

Kim, Joung Dong, Instructional Assistant Professor
Mathematics
PHD, State University of New York at Stony Brook, 2012

Kuan, Jeffrey, Assistant Professor
Mathematics
PHD, Harvard University, 2015

Kuchment, Peter, University Distinguished Professor
Mathematics
PHD, Kharkov State University, Russia, 1973

Lahodny Jr, Glenn E, Instructional Assistant Professor
Mathematics
PHD, Texas Tech University, 2012

Landsberg, Joseph M, Professor
Mathematics
PHD, Duke University, 1990

Larson, David R, Professor
Mathematics
PHD, University of California - Berkeley, 1976

Lazarov, Raytcho D, Professor
Mathematics
PHD, University of Moscow, Russia, 1972

Lee, Sang Rae, Senior Lecturer
Mathematics
PHD, University of Oklahoma, 2012

Lewis, Jennifer L, Senior Lecturer
Mathematics
PHD, Ohio State University, 1980

Lima Filho, Paulo C, Professor
Mathematics
PHD, State University of New York at Stony Brook, 1989

Liu, Chun-Hung, Assistant Professor
Mathematics
PHD, Georgia Institute of Technology, 2014

Lynch, Benjamin R, Senior Lecturer
Mathematics
PHD, University of Tennessee, 2010

Lynch, Richard G, Visiting Assistant Professor
Mathematics
PHD, University of Missouri, 2016

Maier, Matthias Sebastian, Assistant Professor
Mathematics
PHD, Ruprecht-Karls Universitat Heidelberg, Germany, 2015

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Mathematics
MS, Texas A&M University, 1994

Masri, Mohamad R, Associate Professor
Mathematics
PHD, University of Texas at Austin, 2005

Matusevich, Laura F, Professor
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PHD, University of California, Berkeley, 2002

Narcowich, Francis J, Professor
Mathematics
PHD, Princeton University, 1972

Nekrashevych, Volodymyr, Professor
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PHD, Texas A&M University, 2005

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MS, Texas A&M University, 2015

Paouris, Grigorios, Professor
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PHD, University of Crete, 2004

Papanikolas, Matthew A, Professor
Mathematics
PHD, Brown University, 1998

Pasciak, Joseph E, Professor
Mathematics
PHD, Cornell University, 1977

Pearlstein, Gregory J, Associate Professor
Mathematics
PHD, UNIVERSITY OF MASSACHUSETTS AT AMHERST, 1999

Pearlstein, Rosanna, Lecturer
Mathematics
PHD, University of Massachusetts Amherst, 1998

Petrova, Guergana P, Professor
Mathematics
PHD, University of Southern Carolina, 1999

Pisier, Gilles, University Distinguished Professor
Mathematics
PHD, University of Paris, 1977

Poltoratski, Alexei G, Professor
Mathematics
PHD, California Institute of Technology, 1995

Popov, Bojan D, Professor
Mathematics
PHD, University of Southern Carolina, 1999

Procaccia, Eviatar B, Assistant Professor
Mathematics
PHD, Weizmann Institute of Science, 2013

Rahm Jr, Robert S, Instructional Assistant Professor
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PHD, Tarbiat Modares University, 2005

Rojas, Joseph M, Professor
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PHD, University of California, Berkeley, 1995

Roque-Sol, Marco A, Lecturer
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Rowell, Eric C, Professor
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Rundell, William, Professor
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Schiellack Jr, Vincent, Associate Professor
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Schlumprecht, Thomas B, Professor
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PHD, Ludwig Maximilians Universitat, Germany, 1988

Schrader, Todd W, Lecturer
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Sengupta, Sinjini, Senior Lecturer
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Shi, Shuhui, Visiting Assistant Professor
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Shiu, Anne J, Assistant Professor
Mathematics
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Smith, Roger R, Professor
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Straube, Emil J, Professor
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Tang, Xiaoxian, Visiting Assistant Professor
Mathematics
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Titi, Edriss S, Professor
Mathematics
PHD, Indiana University, Bloomington, 1986

Tucker-Drob, Robin D, Assistant Professor
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