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. A 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.

Faculty

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

Alonso Ruiz, Patricia, Assistant Professor
Mathematics
PHD, University of Siegen, 2013

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, Associate Professor
Mathematics
PHD, Stanford University, 2010

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

Baudier, Florent P, 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

Bobkova, Irina, Assistant Professor
Mathematics
PHD, Northwestern University, 2014

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

Booth, Robert, Visiting Assistant Professor
Mathematics
PHD, University of North Carolina at Chapel Hill, 2018

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

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

Cantu, Justin, Lecturer
Mathematics
PHD, Texas A&M University, 2019

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

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

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MS, Kansas State University, 2005

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

Darbinyan, Arman, Visiting Assistant Professor
Mathematics
PHD, Vanderbilt University, 2018

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

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

Devoe, Ronald A, Distinguished Professor
Mathematics
PHD, Ohio State University, 1967
Dykema, Kenneth J, Professor
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Efendiev, Yalchin R, Professor
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Epstein, Janice L, Instructional Associate Professor
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PHD, Texas A&M University, 1992

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

Foran, Alexandra, Lecturer
Mathematics
PHD, Texas A&M University, 2018

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

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

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

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

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

Guerron, Jean-Luc, Professor
Mathematics
PHD, Sorbonne Universities, 1995

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

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

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PHD, Louisiana State University, 2014

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PHD, University of Wisconsin, 2019

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PHD, University of Tennessee, 2017

Johnson, Maya E, Lecturer
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Johnson, William B, Distinguished Professor
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Jung, Junehyuk, Assistant Professor
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Kahlig, Joseph E, Instructional Assistant Professor
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Kerr, David G, Professor
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Kilmer, Kendra R, Instructional Assistant Professor
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Kuan, Jeffrey, Assistant Professor
Mathematics
PHD, Harvard University, 2015

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

Landsberg, Joseph M, Professor
Mathematics
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Larson, David R, Professor
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Lynch, Richard G, Visiting Assistant Professor
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Orchard, Patrick J, Lecturer
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Paouris, Grigoris, Professor
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PHD, University of Crete, 2004

Papanikolas, Matthew A, Professor
Mathematics
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Pasciak, Joseph E, Professor
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PHD, Cornell University, 1977

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

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Mathematics
PHD, University of Paris, 1977

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

Popov, Bojan D, Professor
Mathematics
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Procaccia, Eviatar B, Associate Professor
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PHD, Weizmann Institute of Science, 2013

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PHD, Tarbiat Modares University, 2005

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Mathematics
PHD, University of California, Berkeley, 1995
Roque-Sol, Marco A, Lecturer
Mathematics
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Rowell, Eric C, Professor
Mathematics
PHD, University of California, San Diego, 2003

Rundell, William, Professor
Mathematics
PHD, Glasgow University, 1974

Schiellack Jr, Vincent, Associate Professor
Mathematics
PHD, University of Texas at Austin, 1982

Schlumprecht, Thomas B, Professor
Mathematics
PHD, Ludwig Maximilians Universitat, Germany, 1988

Schrader, Todd W, Lecturer
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MS, Texas A&M University, 2016

Sengupta, Sinjini, Instructional Assistant Professor
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Shi, Shuhui, Visiting Assistant Professor
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Small, Kenneth, Lecturer
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Smith, Roger R, Professor
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Sottile, Frank J, Professor
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Stiller, Peter F, Professor
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Straube, Emil J, Professor
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Taliaferro, Steven D, Associate Professor
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Titi, Edriss S, Professor
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Tripode, Jessica, Lecturer
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Ventura, Emanuele, Visiting Assistant Professor
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Volcic, Jurij, Visiting Assistant Professor
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Vorobets, Mariya, Instructional Assistant Professor
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Vorobets, Yaroslav, Associate Professor
Mathematics
PHD, Moscow Lomonosov State University, 1998

Ward, Joseph D, Professor
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Whitfield, Jennifer G, Instructional Associate Professor
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Witherspoon, Sarah J, Professor
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Wu, Jianchao, Visiting Assistant Professor
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PHD, Vanderbilt University, 2019

Xie, Zhizhang, Associate Professor
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Xu, Guangbo, Visiting Assistant Professor
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Yan, Huafei, Professor
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Yang, Tian, Assistant Professor
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Yasskin, Philip B, Associate Professor
Mathematics
PHD, University of Maryland, 1979
Young, Matthew P, Professor
Mathematics
PHD, Rutgers University, 2004

Yu, Guoliang, University Distinguished Professor
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PHD, State University Of New York At Stony Brook, 1991

Zelenko, Igor, Associate Professor
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PHD, Technion - Israel Institute of Technology, 2002

Zhou, Jianxin, Professor
Mathematics
PHD, Pennsylvania State University, 1986

**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 Science Emphasis (http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-actuarial-science-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 Science Emphasis (http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-computational-science-emphasis/)
- Bachelor of Science in Applied Mathematical Sciences, Cryptography Emphasis (http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematics-bs-cryptography-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/)