DEPARTMENT OF MATHEMATICS

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 at Berkeley, 2000

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

Bezerra de Matos, Rodrigo, Visiting Assistant Professor
Mathematics
PHD, Michigan State University, 2020

Boas, Harold P, Regents 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, Switzerland, 2006

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

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

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

Comech, Andrew, Associate Professor
Mathematics
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

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

Dykema, Kenneth J, Professor
Mathematics
PHD, University of California at 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

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

Gartland, Christopher, Visiting Assistant Professor
Mathematics
PHD, University of Illinois - Urbana Champaign, 2020

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

Guerrmond, Jean-Luc, Professor
Mathematics
PHD, Sorbonne Universités, 1995

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

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

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

Harris, Samuel, Visiting Assistant Professor
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PHD, University of Waterloo, 2019

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

Huang, Hang, Visiting Assistant Professor
Mathematics
PHD, University of Wisconsin, 2019

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

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

Kahlig, Joseph E, Instructional Assistant Professor
Mathematics
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Kim, Joung Dong, Instructional Associate 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

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

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

Lee, Jong Jun, Instructional Assistant Professor
Mathematics
PHD, University of Maryland, 2014

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

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

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PHD, University of Maryland-College Park, 2020
Liu, Chun-Hung, Assistant Professor
Mathematics
PHD, Georgia Institute of Technology, 2014

Liu, Wencai, Assistant Professor
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PHD, Fudan University, 2015

Lockhart, Bret, Lecturer
Mathematics
MS, Texas A&M University, 2010

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PHD, Eidgenössische Technische Hochschule Zürich, 2016

Lynch, Richard G, Instructional Assistant Professor
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PHD, University of Missouri, 2016

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

Manuel, David J, Instructional Associate Professor
Mathematics
MS, Texas A&M University, 1994

Masri, Mohamad R, Professor
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Matusevich, Laura F, Professor
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PHD, University of California at Berkeley, 2002

Ming, Shuang, Visiting Assistant Professor
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Mathematics
PHD, Princeton University, 1972

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PHD, Taras Shevchenko National University, Russia, 1998

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PHD, Texas A&M University, 2005

Orchard, Patrick J, Lecturer
Mathematics
MS, Texas A&M University, 2015

Ordog, Erika, Visiting Assistant Professor
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PHD, Duke University, 2020

Paouris, Grigoris, Professor
Mathematics
PHD, University of Crete, 2004

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

Park, Josiah, Visiting Assistant Professor
Mathematics
PHD, Georgia Institute of Technology, 2020

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

Pearlstein, Gregory J, Associate Professor
Mathematics
PHD, University of Massachusetts, 1999

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

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

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

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

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

Pun, Sai Mang, Visiting Assistant Professor
Mathematics
PHD, The Chinese University of Hong Kong, 2019

Rahm Jr, Robert S, Instructional Assistant Professor
Mathematics
PHD, Washington University in St. Louis, 2017

Ramsey, Heather L, Instructional Associate Professor
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MS, Texas A&M University, 2004

Reihani, Kamran, Instructional Assistant Professor
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Rojas, Joseph M, Professor
Mathematics
PHD, University of California at Berkeley, 1995

Roque-Sol, Marco A, Lecturer
Mathematics
PHD, Texas A&M University, 2006

Rowell, Eric C, Professor
Mathematics
PHD, University of California at San Diego, 2003
Rundell, William, Professor  
Mathematics  
PHD, Glasgow University, 1974

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

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

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

Sengupta, Sinjini, Instructional Assistant Professor  
Mathematics  
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Shatalov, Oksana, Instructional Professor  
Mathematics  
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Shi, Shuhui, Visiting Assistant Professor  
Mathematics  
PHD, University of Rochester, 2018

Shiu, Anne J, Professor  
Mathematics  
PHD, University of California at Berkeley, 2010

Small, Kenneth, Lecturer  
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Smith, Roger R, Professor  
Mathematics  
PHD, University of Oxford, 1976

Sottile, Frank J, Professor  
Mathematics  
PHD, University of Chicago, 1994

Stiller, Peter F, Professor  
Mathematics  
PHD, Princeton University, 1977

Straube, Emil J, Professor  
Mathematics  
PHD, Swiss Federal Institute of Technology Zurich, 1983

Taliaferro, Steven D, Associate Professor  
Mathematics  
PHD, Stanford University, 1976

Titi, Edriss S, University Distinguished Professor  
Mathematics  
PHD, Indiana University, Bloomington, 1986

Tripode, Jessica, Lecturer  
Mathematics  
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Tucker-Drob, Robin D, Associate Professor  
Mathematics  
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Volcic, Jurij, Visiting Assistant Professor  
Mathematics  
PHD, University of Auckland, 2018

Vorobets, Mariya, Instructional Assistant Professor  
Mathematics  
PHD, Lviv National University, 2004

Vorobets, Yaroslav, Associate Professor  
Mathematics  
PHD, Moscow Lomonosov State University, 1998

Whitfield, Jennifer G, Instructional Associate Professor  
Mathematics  
PHD, Texas A&M University, 2017

Witherspoon, Sarah J, Professor  
Mathematics  
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Wu, Jianchao, Visiting Assistant Professor  
Mathematics  
PHD, Vanderbilt University, 2019

Xie, Zhizhang, Associate Professor  
Mathematics  
PHD, The Ohio State University, 2011

Xu, Guangbo, Assistant Professor  
Mathematics  
PHD, Princeton University, 2013

Yan, Huafei, Professor  
Mathematics  
PHD, Massachusetts Institute of Technology, 1997

Yang, Tian, Assistant Professor  
Mathematics  
PHD, Rutgers University at New Brunswick, 2013

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  
Mathematics  
PHD, State University Of New York At Stony Brook, 1991

Zelenko, Igor, Associate Professor  
Mathematics  
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/)