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

Devere, 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

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

Harper, Alicia, Visiting Assistant Professor
Mathematics
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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
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Howard, Peter B, Professor
Mathematics
PHD, Indiana University, 1998

Huang, Hang, Visiting Assistant Professor
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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
MS, Texas A&M University, 1994

Kilmer, Kendra R, Instructional Assistant Professor
Mathematics
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Kim, Joong 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

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

Lin, Kung-Ching, Visiting Assistant Professor
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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 
Mathematics 
PHD, Fudan University, 2015

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

Luhmann, Jonas, Assistant Professor 
Mathematics 
PHD, Eidgenössische Technische Hochschule Zürich, 2016

Lynch, Richard G, Instructional Assistant Professor 
Mathematics 
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Maier, Matthias Sebastian, Assistant Professor 
Mathematics 
PHD, Ruprecht-Karls Universität Heidelberg, Germany, 2015

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

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

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

Ming, Shuang, Visiting Assistant Professor 
Mathematics 
PHD, University of California at Davis, 2019

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

Nekrashevych, Volodymyr, Professor 
Mathematics 
PHD, Taras Shevchenko National University, Russia, 1998

Onica, Constantin, Instructional Assistant Professor 
Mathematics 
PHD, Texas A&M University, 2005

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

Ordog, Erika, Visiting Assistant Professor 
Mathematics 
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 R, 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 
Mathematics 
MS, Texas A&M University, 2004

Reihani, Kamran, Instructional Assistant Professor 
Mathematics 
PHD, Tarbiat Modares University, 2005

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
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>Rundell, William</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Glasgow University</td>
<td>1974</td>
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<tr>
<td>Schielack Jr, Vincent</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>University of Texas at Austin</td>
<td>1982</td>
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<tr>
<td>Schlumprecht, Thomas B</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Ludwig Maximilians Universitat, Germany</td>
<td>1988</td>
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<td>Schrader, Todd W</td>
<td>Senior Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2016</td>
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<td>Sengupta, Sinjini</td>
<td>Instructional Assistant</td>
<td>Mathematics</td>
<td>Florida State University</td>
<td>2006</td>
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<td>Shatalov, Oksana</td>
<td>Instructional Professor</td>
<td>Mathematics</td>
<td>Technion - Israel Institute of Technology</td>
<td>2001</td>
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<tr>
<td>Shi, Shuhui</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Rochester</td>
<td>2018</td>
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<td>Shiu, Anne J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of California at Berkeley</td>
<td>2010</td>
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<td>Small, Kenneth</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2019</td>
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<td>Smith, Roger R</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of Oxford</td>
<td>1976</td>
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<td>Sottile, Frank J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of Chicago</td>
<td>1994</td>
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<td>Stiller, Peter F</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Princeton University</td>
<td>1977</td>
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<td>Straube, Emil J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Swiss Federal Institute of Technology Z</td>
<td>1983</td>
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<td>Taliaferro, Steven D</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Stanford University</td>
<td>1976</td>
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<tr>
<td>Titi, Edriss S</td>
<td>University Distinguished</td>
<td>Mathematics</td>
<td>Indiana University, Bloomington</td>
<td>1986</td>
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<tr>
<td>Tripode, Jessica</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2019</td>
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<td>Tucker-Drob, Robin D</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>California Institute of Technology</td>
<td>2013</td>
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<td>Volcic, Jurij</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Auckland</td>
<td>2018</td>
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<tr>
<td>Vorobets, Mariya</td>
<td>Instructional Assistant</td>
<td>Mathematics</td>
<td>Lviv National University</td>
<td>2004</td>
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<tr>
<td>Vorobets, Yaroslav</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Moscow Lomonosov State University</td>
<td>1998</td>
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<tr>
<td>Whitfield, Jennifer G</td>
<td>Instructional Associate</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2017</td>
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<tr>
<td>Witherspoon, Sarah J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of Chicago</td>
<td>1994</td>
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<td>Wu, Jianchao</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>Vanderbilt University</td>
<td>2019</td>
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<tr>
<td>Xie, Zhizhang</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>The Ohio State University</td>
<td>2011</td>
</tr>
<tr>
<td>Xu, Guangbo</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>Princeton University</td>
<td>2013</td>
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<td>Yan, Huafei</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Massachusetts Institute of Technology</td>
<td>1997</td>
</tr>
<tr>
<td>Yang, Tian</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>Rutgers University at New Brunswick</td>
<td>2013</td>
</tr>
<tr>
<td>Yasskin, Philip B</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>University of Maryland</td>
<td>1979</td>
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<tr>
<td>Young, Matthew P</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Rutgers University</td>
<td>2004</td>
</tr>
<tr>
<td>Yu, Guoliang</td>
<td>University Distinguished</td>
<td>Mathematics</td>
<td>State University Of New York At Stony Brook</td>
<td>1991</td>
</tr>
<tr>
<td>Zelenko, Igor</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Technion - Israel Institute of Technology</td>
<td>2002</td>
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<tr>
<td>Zhou, Jianxin</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Pennsylvania State University</td>
<td>1986</td>
</tr>
</tbody>
</table>
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/)