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
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Mathematics</th>
<th>Institution</th>
<th>Year</th>
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<tr>
<td>Efendiev, Yalchin R</td>
<td>Professor</td>
<td></td>
<td>California Institute of Technology</td>
<td>1999</td>
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<tr>
<td>Epstein, Janice L</td>
<td>Instructional Associate Professor</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>1992</td>
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<tr>
<td>Erdelyi, Tamas</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of Southern Carolina</td>
<td>1989</td>
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<tr>
<td>Foran, Alexandra</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2018</td>
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<td>Foucart, Simon</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of Cambridge</td>
<td>2005</td>
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<tr>
<td>Fulling, Stephen A</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Princeton University</td>
<td>1972</td>
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<tr>
<td>Gao, Li</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Illinois-Urbana-Champaign</td>
<td>2018</td>
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<td>Gartland, Christopher</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Illinois - Urbana Champaign</td>
<td>2020</td>
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<td>Grigorchuk, Rostislav</td>
<td>Distinguished Professor</td>
<td>Mathematics</td>
<td>Moscow State University of Lomomosov</td>
<td>1986</td>
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<tr>
<td>Guermond, Jean-Luc</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Sorbonne Universities</td>
<td>1995</td>
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<tr>
<td>Guo, Hao</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>The University of Adelaide</td>
<td>2018</td>
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<tr>
<td>Gustafson, Robert A</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Yale University</td>
<td>1979</td>
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<td>Harper, Alicia</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>Brown University</td>
<td>2018</td>
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<td>Harris, Samuel</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Waterloo</td>
<td>2019</td>
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<tr>
<td>Hensley, Douglas A</td>
<td>Senior Professor</td>
<td>Mathematics</td>
<td>University of Minnesota</td>
<td>1974</td>
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<tr>
<td>Hester, Yvette C</td>
<td>Instructional Associate Professor</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2000</td>
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<td>Holmes, Irina</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>Louisiana State University</td>
<td>2014</td>
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<td>Howard, Peter B</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Indiana University</td>
<td>1998</td>
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<td>Huang, Hang</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Wisconsin</td>
<td>2019</td>
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<td>Johnson, Maya E</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2015</td>
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<tr>
<td>Johnson, William B</td>
<td>Distinguished Professor</td>
<td>Mathematics</td>
<td>Iowa State University</td>
<td>1969</td>
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<td>Kahlig, Joseph E</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>1994</td>
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<td>Kilmer, Kendra R</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2003</td>
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<tr>
<td>Kim, Jong Dong</td>
<td>Instructional Associate Professor</td>
<td>Mathematics</td>
<td>State University of New York at Stony Brook</td>
<td>2012</td>
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<td>Kuan, Jeffrey</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>Harvard University</td>
<td>2015</td>
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<td>Kuchment, Peter</td>
<td>University Distinguished Professor</td>
<td>Mathematics</td>
<td>Kharkov State University of Russia</td>
<td>1973</td>
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<td>Landsberg, Joseph M</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Duke University</td>
<td>1990</td>
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<td>Larson, David R</td>
<td>Professor</td>
<td>Mathematics</td>
<td>University of California at Berkeley</td>
<td>1976</td>
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<td>Lee, Jong Jun</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>University of Maryland</td>
<td>2014</td>
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<td>Lee, Sang Rae</td>
<td>Senior Lecturer</td>
<td>Mathematics</td>
<td>University of Oklahoma</td>
<td>2012</td>
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<td>Limafilho, Paulo C</td>
<td>Professor</td>
<td>Mathematics</td>
<td>State University of New York at Stony Brook</td>
<td>1989</td>
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<td>Lin, Kung-Ching</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of Maryland-College Park</td>
<td>2020</td>
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</table>
Liu, Chun-Hung, Assistant Professor
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Rundell, William, Professor
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Schiellack Jr, Vincent, Associate Professor
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Schlumpprech, Thomas B, Professor
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Schrader, Todd W, Senior Lecturer
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Sengupta, Sinjini, Instructional Assistant Professor
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Shiu, Anne J, 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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Titi, Edriss S, University Distinguished Professor
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Tucker-Drob, Robin D, Associate Professor
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Vorobets, Mariya, Instructional Assistant Professor
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Vorobets, Yaroslav, Associate 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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Xie, Zhizhang, Associate Professor
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Xu, Guangbo, Assistant Professor
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PHD, Princeton University, 2013

Yan, Huafei, Professor
Mathematics
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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 Science in Applied Mathematical Sciences, Actuarial Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-actuarial-science-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Biological Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-biological-science-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Computational Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-computational-science-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Cryptography Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-cryptography-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Economics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-economics-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Math Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-math-emphasis/)

• Bachelor of Science in Applied Mathematical Sciences, Statistics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/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/arts-and-sciences/mathematics/applied-mathematical-sciences-bs-ms/)

• Bachelor of Arts in Mathematics (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/ba/)

• Bachelor of Arts in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/ba-ms/)

• Bachelor of Science in Mathematics (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/bs/)

• Bachelor of Science in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/bs-ms/)

Minors

• Mathematics Minor (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/minor/)