The Department of Mathematics offers curricula which lead to the following undergraduate degrees: Bachelor of Science in Applied Mathematics, 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 Mathematics 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 Associate Professor  
Mathematics  
MS, Texas A&M University, 2005  
Alonso Ruiz, Patricia, Assistant Professor  
Mathematics  
PHD, University of Siegen, 2013  
Alonso, Ricardo, Instructional Associate Professor  
Mathematics  
PHD, The University of Texas at Austin, 2008  
Anshelevich, Michael V, Professor  
Mathematics  
PHD, University of California at Berkeley, 2000  
Austin, Amy L, Instructional Associate 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, Associate 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  
Biswas, Saikat, Instructional Assistant Professor  
Mathematics  
PHD, Florida State University, 2011  
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 Associate Professor  
Mathematics  
MS, Texas A&M University, 1998  
Bonito, Andrea, Professor  
Mathematics  
PHD, Ecole Polytechnique Federale de Lausanne, Switzerland, 2006  
Cantu, Justin, Instructional Assistant Professor  
Mathematics  
PHD, Texas A&M University, 2019  
Carter, Tamara A, Instructional Associate Professor  
Mathematics  
PHD, Texas A&M University, 2005  
Cecchini, Simone, Assistant Professor  
Mathematics  
PHD, Northeastern University, 2017  
Chen, Goong, Professor  
Mathematics  
PHD, University of Wisconsin, Madison, 1977  
Chen, Liwei, Instructional Assistant Professor  
Mathematics  
PHD, Washington University in St. Louis, 2015  
Coffelt, Vanessa Lea, Senior 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  
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 Professor
Mathematics
PHD, Texas A&M University, 1992

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

Fisk, John, Lecturer
Mathematics
MA, University of Houston, 2018

Foran, Alexandra, Instructional Assistant Professor
Mathematics
PHD, Texas A&M University, 2018

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

Garcia, Bradford, Lecturer
Mathematics
BS, Texas A&M University-Commerce, 2016

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

Goncharuk, Natalia, Assistant Professor
Mathematics
PHD, Institute for Information Transmission Problems, 2016

Gong, Sherry, Assistant Professor
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Guerron, Jean-Luc, Professor
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Hofmann, Matthias, Visiting Assistant Professor
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Howard, Peter B, Professor
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Huang, Tingwen, Professor
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Johnson, William B, Distinguished Professor
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Kilmer, Kendra R, Instructional Assistant Professor
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Kim, Jong Dong, Instructional Associate Professor
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Kuan, Jeffrey, Assistant Professor
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Kuchment, Peter, University Distinguished Professor
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Lamel, Bernhard, Professor
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Landsberg, Joseph M, Professor
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Larson, David R, Professor
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Lee, Jong Jun, Instructional Assistant Professor
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Maier, Matthias Sebastian, Associate Professor
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Masri, Mohamad R, Professor
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Mir, Nordine, Professor
Mathematics
PHD, University of Rouen, France, 1998

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

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

Nguyen, Tung, Visiting Assistant Professor
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PHD, University of Wisconsin - Madison, 2021
PHD, University of Wisconsin- Madison, 2021

Olvera, Hugo, Lecturer
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Onica, Constantin, Instructional Assistant Professor
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Orchard, Patrick J, Senior Lecturer
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Ordog, Erika, Visiting Assistant Professor
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Paouris, Grigoris, Professor
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Papanikolas, Matthew A, Professor
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Pearlstein, Gregory J, Associate Professor
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Pearlstein, Rosanna, Lecturer
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Perales Anaya, Daniel, Visiting Assistant Professor
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PHD, University of Waterloo, 2022

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

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

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

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

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
<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>Schlumprecht, Thomas B</td>
<td>Professor</td>
<td>Mathematics</td>
<td>Ludwig Maximilians Universitat, Germany</td>
<td>1988</td>
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<tr>
<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 Professor</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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<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>Siegel, Jonathan</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>University of California, Los Angeles</td>
<td>2018</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>Soukiassian, Yeran M</td>
<td>Senior Lecturer</td>
<td>Mathematics</td>
<td>American University of Beirut</td>
<td>2007</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 Zurich</td>
<td>1983</td>
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<tr>
<td>Taliaferro, Steven D</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Stanford University</td>
<td>1976</td>
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<td>Thicke, Kyle</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>Duke University</td>
<td>2019</td>
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<tr>
<td>Titi, Edriss S</td>
<td>University Distinguished Professor</td>
<td>Mathematics</td>
<td>Indiana University, Bloomington</td>
<td>1986</td>
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<tr>
<td>Trabelsi, Saber</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>Universidade Estadual de Campinas</td>
<td>2010</td>
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<tr>
<td>Tran, Minh Binh</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>Paris 13 University</td>
<td>2011</td>
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<tr>
<td>Treuer, John</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>University of California - Irvine</td>
<td>2021</td>
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<td>Tripode, Jessica</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2019</td>
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<tr>
<td>VanKoughnnett, Paul</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>Northwestern University</td>
<td>2018</td>
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<td>Vorobets, Mariya</td>
<td>Instructional Associate Professor</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>Wang, Jinmin</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>Fudan University, China</td>
<td>2020</td>
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<td>Wang, Kun</td>
<td>Lecturer</td>
<td>Mathematics</td>
<td>University of Puerto Rico, Rio Piedras</td>
<td>2014</td>
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<tr>
<td>Weeks, John</td>
<td>Instructional Assistant Professor</td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>2022</td>
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<tr>
<td>Whitfield, Jennifer G</td>
<td>Instructional Professor</td>
<td>Mathematics</td>
<td>Texas A&amp;M University</td>
<td>2017</td>
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<tr>
<td>Willis, Michael</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>University of Virginia</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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<tr>
<td>Wojtowytsch, Stephan</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>University of Durham</td>
<td>2018</td>
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<td>Xie, Zhizhang</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>The Ohio State University</td>
<td>2011</td>
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<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>
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<tr>
<td>Yang, Tian</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>Rutgers University at New Brunswick</td>
<td>2013</td>
</tr>
</tbody>
</table>
Yasskin, Philip B, Associate Professor
Mathematics
PHD, University of Maryland, 1979

Yershova, Yuliia, Visiting Assistant Professor
Mathematics
PHD, Institute of Mathematics of National Academy of Sciences of Ukraine, 2015

Yoo, Youngho, Visiting Assistant Professor
Mathematics
PHD, Georgia Institute of Technology, 2022

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
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PHD, Technion - Israel Institute of Technology, 2002

Zhong, Suhan, Visiting Assistant Professor
Mathematics
PHD, University of California- San Diego, 2019

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

Zhu, Bo, Visiting Assistant Professor
Mathematics
MA, Peking University, 2016

Minors

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

Majors

• Bachelor of Science in Applied Mathematics, Actuarial Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-actuarial-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Biological Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-biological-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Computational Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-computational-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Cryptography Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-cryptography-emphasis/)
• Bachelor of Science in Applied Mathematics, Economics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-economics-emphasis/)
• Bachelor of Science in Applied Mathematics, Math Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-math-emphasis/)
• Bachelor of Science in Applied Mathematics, Statistics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-statistics-emphasis/)

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

• Bachelor of Science in Applied Mathematics, Actuarial Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-actuarial-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Biological Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-biological-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Computational Science Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-computational-science-emphasis/)
• Bachelor of Science in Applied Mathematics, Cryptography Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-cryptography-emphasis/)
• Bachelor of Science in Applied Mathematics, Economics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-economics-emphasis/)
• Bachelor of Science in Applied Mathematics, Math Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-math-emphasis/)
• Bachelor of Science in Applied Mathematics, Statistics Emphasis (http://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-statistics-emphasis/)

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