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
- 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 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, Nataliia, Assistant Professor  
Mathematics  
PHD, Institute for Information Transmission Problems, 2016

Gong, Sherry, Assistant Professor  
Mathematics  
PHD, Massachusetts Institute of Technology, 2018

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

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

Hening, Alexandru, Assistant Professor  
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Hofmann, Matthias, Visiting Assistant Professor  
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Holmes, Irina, Assistant Professor  
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Howard, Peter B, Professor  
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Johnson, William B, Distinguished Professor  
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Kahlig, Joseph E, Instructional Associate Professor  
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Kilmer, Kendra R, Instructional Assistant Professor  
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Klein, Patricia, Assistant Professor  
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Kuan, Jeffrey, Assistant Professor  
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Kuchment, Peter, University Distinguished Professor  
Mathematics  
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Kudriashov, Iurii, Visiting Assistant Professor  
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Lamel, Bernhard, Professor  
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Landsberg, Joseph M, Professor  
Mathematics  
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Larson, David R, Professor  
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Lee, Jong Jun, Instructional Assistant Professor  
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Limafilho, Paulo C, 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
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PHD, University of Rouen, France, 1998

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

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

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

Popov, Bojan D, Professor
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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
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PHD, Tarbiat Modares University, 2005

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>
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<tr>
<th>Name</th>
<th>Title</th>
<th>Degree</th>
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<tr>
<td>Schlumprecht, Thomas B</td>
<td>Professor</td>
<td>PHD, Ludwig Maximilians</td>
<td>Universität Germany, 1988</td>
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<td>Schrader, Todd W</td>
<td>Senior Lecturer</td>
<td>Mathematics</td>
<td>MS, Texas A&amp;M University, 2016</td>
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<td>Sengupta, Sinjini</td>
<td>Instructional Assistant</td>
<td>Mathematics</td>
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<td>Stiller, Peter F</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PhD, Princeton University, 1977</td>
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<td>Straube, Emil J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PhD, Swiss Federal Institute of Technology Zurich, 1983</td>
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<td>Taliaferro, Steven D</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PhD, Stanford University, 1976</td>
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<td>Tchitch, Kyle</td>
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<td>Mathematics</td>
<td>PhD, Duke University, 2019</td>
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<td>Trabelsi, Saber</td>
<td>Instructional Assistant</td>
<td>Mathematics</td>
<td>PhD, Universidade Estadual de Campinas, 2010</td>
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<td>Tran, Minh Binh</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
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<td>Mathematics</td>
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<td>Mathematics</td>
<td>PHD, University of California - Irvine, 2021</td>
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<td>Lecturer</td>
<td>Mathematics</td>
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<td>Mathematics</td>
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<td>Mathematics</td>
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<td>Mathematics</td>
<td>PHD, Fudan University, China, 2020</td>
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<td>Wang, Kun</td>
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<td>Mathematics</td>
<td>PhD, University of Puerto Rico, Rio Piedras, 2014</td>
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<td>Mathematics</td>
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<td>Willis, Michael</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>PhD, University of Virginia, 2017</td>
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<td>Witherspoon, Sarah J</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PhD, University of Chicago, 1994</td>
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<td>Wojtowytsch, Stephan</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>PhD, University of Durham, 2018</td>
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<td>Xie, Zhizhang</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PhD, The Ohio State University, 2011</td>
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<td>Xu, Guangbo</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>PhD, Princeton University, 2013</td>
<td></td>
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<tr>
<td>Yan, Huafei</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PHD, Massachusetts Institute of Technology, 1997</td>
<td></td>
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<td>Yang, Tian</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PHD, Rutgers University at New Brunswick, 2013</td>
<td></td>
</tr>
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</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
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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
Mathematics
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

• 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/)

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