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  
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PHD, University of Wisconsin, Madison, 1977

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

Comech, Andrew, Associate Professor  
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PHD, Columbia University, 1997

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Mathematics  
PHD, Vanderbilt University, 2018

Daripa, Prabir, Professor  
Mathematics  
PHD, Brown University, 1985

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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
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Epstein, Janice L, Instructional Associate Professor
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PHD, University of Southern Carolina, 1989

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PHD, Moscow State University of Lomomosov, 1986

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PHD, Sorbonne Universities, 1995

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Hester, Yvette C, Instructional Associate Professor
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Kim, Joong 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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Larson, David R, Professor
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Roque-Sol, Marco A, Lecturer
Mathematics
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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>Education Details</th>
</tr>
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<tbody>
<tr>
<td>Rundell, William</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PhD, Glasgow University, 1974</td>
</tr>
<tr>
<td>Schielack Jr, Vincent</td>
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<tr>
<td>Schrader, Todd W</td>
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<td>PHD, Florida State University, 2006</td>
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<td>Shatalov, Oksana</td>
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<td>Shi, Shuhui</td>
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<td>Shiu, Anne J</td>
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<td>Small, Kenneth</td>
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<td>Mathematics</td>
<td>MS, Texas A&amp;M University, 2019</td>
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<td>Smith, Roger R</td>
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<td>Mathematics</td>
<td>PHD, University of Oxford, 1976</td>
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<td>Sottile, Frank J</td>
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<td>Stiller, Peter F</td>
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<td>Straube, Emil J</td>
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<td>PHD, Swiss Federal Institute of Technology Zurich, 1983</td>
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<td>Taliaferro, Steven D</td>
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<td>Mathematics</td>
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<tr>
<td>Titi, Edriss S</td>
<td>University Distinguished Professor</td>
<td>Mathematics</td>
<td>PHD, Indiana University, Bloomington, 1986</td>
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<td>Tripode, Jessica</td>
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<td>MS, Texas A&amp;M University, 2019</td>
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<td>Tucker-Drob, Robin D</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PHD, California Institute of Technology, 2013</td>
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<td>Volcic, Jurij</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>PHD, University of Auckland, 2018</td>
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<td>Vorobets, Mariya</td>
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<td>Mathematics</td>
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<td>Vorobets, Yaroslav</td>
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<td>PHD, Moscow Lomonosov State University, 1998</td>
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<tr>
<td>Whitfield, Jennifer G</td>
<td>Instructional Associate Professor</td>
<td>Mathematics</td>
<td>PHD, Texas A&amp;M University, 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>Wu, Jianchao</td>
<td>Visiting Assistant Professor</td>
<td>Mathematics</td>
<td>PHD, Vanderbilt University, 2019</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>
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<td>Yan, Huafei</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PHD, Massachusetts Institute of Technology, 1997</td>
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<td>Yang, Tian</td>
<td>Assistant Professor</td>
<td>Mathematics</td>
<td>PHD, Rutgers University at New Brunswick, 2013</td>
</tr>
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<td>Yasskin, Philip B</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PHD, University of Maryland, 1979</td>
</tr>
<tr>
<td>Young, Matthew P</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PHD, Rutgers University, 2004</td>
</tr>
<tr>
<td>Yu, Guoliang</td>
<td>University Distinguished Professor</td>
<td>Mathematics</td>
<td>PHD, State University Of New York At Stony Brook, 1991</td>
</tr>
<tr>
<td>Zelenko, Igor</td>
<td>Associate Professor</td>
<td>Mathematics</td>
<td>PHD, Technion - Israel Institute of Technology, 2002</td>
</tr>
<tr>
<td>Zhou, Jianxin</td>
<td>Professor</td>
<td>Mathematics</td>
<td>PHD, Pennsylvania State University, 1986</td>
</tr>
</tbody>
</table>
**Majors**

- Bachelor of Arts in Mathematics and Master of Science in Mathematics, 5-Year Degree Program ([http://catalog.tamu.edu/undergraduate/science/mathematics/ba-ms/](http://catalog.tamu.edu/undergraduate/science/mathematics/ba-ms/))
- Bachelor of Science in Mathematics ([http://catalog.tamu.edu/undergraduate/science/mathematics/bs/](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/](http://catalog.tamu.edu/undergraduate/science/mathematics/bs-ms/))
- 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/](http://catalog.tamu.edu/undergraduate/science/mathematics/applied-mathematical-sciences-bs-ms/))

**Minors**