

DEPARTMENT OF MATHEMATICS

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

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, Professor
Mathematics
PHD, Stanford University, 2010

Battle, 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, 2001

Bobkova, Irina, Associate 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 C, Instructional Assistant Professor
Mathematics
PHD, Texas A&M University, 2019

Cartee, Elliot, Instructional Assistant Professor
Mathematics
PHD, Cornell University, 2020

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

Chu, Hung Viet, Visiting Assistant Professor
Mathematics
PHD, University of Illinois Urbana-Champaign, 2023

Coffelt, Vanessa Lea, Instructional Associate Professor
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, Professor
Mathematics
PHD, Cornell University, 2002

Devore, Ronald A, Distinguished Professor
Mathematics
PHD, Ohio State University, 1967

Dorpalen-Barry, Galen, Assistant Professor
Mathematics
PHD, University of Minnesota, 2021

Dykema, Kenneth J, Professor
Mathematics
PHD, University of California at Berkeley, 1993

Efendiev, Yalchin R, Professor
Mathematics
PHD, California Institute of Technology, 1999

Erukulangara, Muhammed Rashad, Instructional Assistant Professor
Mathematics
PHD, University of South Florida, 2024

Favrie, Nicolas, Visiting Professor
Mathematics
PHD, Universite Aix Marseille 1, 2008

Ferraro, Giacomo Hermes, Visiting Assistant Professor
Mathematics
PHD, Universite Bourgogne Franche-Comte, 2023

Fillman, Jake, Assistant Professor
Mathematics
PHD, Rice University, 2015

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

Foran, Ali, Instructional Associate Professor
Mathematics
PHD, Texas A&M University, 2018

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

Fovelle, Audrey, Visiting Assistant Professor
Mathematics
PHD, Universite Bourgogne Franche-Comte, 2023

Garcia, Bradford A, Lecturer
Mathematics
PHD, Texas A&M University, 2022

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

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

Grigorchuk, Rostislav, Distinguished Professor
Mathematics
PHD, Moscow State University of Lomomosov, 1978

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

Hening, Alexandru, Associate Professor
Mathematics
PHD, University of California - Berkeley, 2013

Hester, Yvette C, Instructional Associate Professor
Mathematics
PHD, Texas A&M University, 2000

Howard, Peter B, Professor
Mathematics
PHD, Indiana University, 1998

Hu, Runjie, Visiting Assistant Professor
Mathematics
MS, Peking University, 2018

Huang, Hang, Assistant Professor
Mathematics
PHD, University of Wisconsin, 2019

Hussein, Saud, Lecturer
Mathematics
PHD, University of Houston, 2016

Janssens, Sebastiaan Gerard, Instructor
Mathematics
MSC, Universiteit Utrecht, 2010

Kahlig, Joe E, Instructional Associate Professor
Mathematics
MS, Texas A&M University, 1994

Kang, Minchul, Instructional Assistant Professor
Mathematics
PHD, University of Minnesota, 2005

Kapita, Shelvean, Instructional Assistant Professor
Mathematics
PHD, University of Delaware, 2016

Karn, Trevor, Visiting Assistant Professor
Mathematics
MS, University of Minnesota, 2022

Kazemi, Sana, Instructional Assistant Professor
Mathematics
PHD, University of Memphis, 2022

Kilmer, Kendra R, Instructional Associate Professor
Mathematics
MS, Texas A&M University, 2003

Kim, Joung Dong, Instructional Associate Professor
Mathematics
PHD, State University of New York at Stony Brook, 2012

Kim, Young Ho, Visiting Assistant Professor
Mathematics
BS, Seoul National University, 2019

Klein, Heather Lynette, Instructional Professor
Mathematics
MS, Texas A&M University, 2004

Klein, Patricia, Assistant Professor
Mathematics
PHD, University of Michigan, 2018

Kuchment, Peter, Distinguished Professor
Mathematics
PHD, Kharkov State University, Russia, 1973

Lacini, Justin, Assistant Professor
Mathematics
PHD, University of California, San Diego, 2020

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, Instructional Associate Professor
Mathematics
PHD, University of Oklahoma, 2012

Li, Long, Visiting Assistant Professor
Mathematics
PHD, Nanjing University, 2022

Lim, Yi Sheng, Visiting Assistant Professor
Mathematics
PHD, University of Bath, 2023

Lima-Filho, Paulo, Professor
Mathematics
PHD, State University of New York at Stony Brook, 1989

Liu, Chun-Hung, Associate Professor
Mathematics
PHD, Georgia Institute of Technology, 2014

Liu, Wencai, Professor
Mathematics
PHD, Fudan University, 2015

Liu, Xin, Assistant Professor
Mathematics
PHD, The Chinese University of Hong Kong, 2017

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

Luhrmann, Jonas, Associate Professor
Mathematics
PHD, Eidgenössische Technische Hochschule Zürich, 2016

Ma, Qiaochu, Visiting Assistant Professor
Mathematics
PHD, UFR de Mathematiques, Universite de Paris, 2022

Maier, Matthias, Associate Professor
Mathematics
PHD, Ruprecht-Karls Universität Heidelberg, Germany, 2015

Mandziuk, Tomasz, Visiting Assistant Professor
Mathematics
PHD, University of Warsaw, 2022

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

Mashburn, Jacob W, Instructional Assistant Professor
Mathematics
PHD, Texas A&M University, 2022

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

Mendelson, Shahar, Professor
Mathematics
PHD, Technion, Israel Institute of Technology, 1998

Morvant, Angelique E, Lecturer
Mathematics
PHD, Texas A&M University, 2024

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

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

Olvera, Hugo, Lecturer
Mathematics
MS, The University of Texas Pan American, 2014

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

Paouris, Grigorios, Professor
Mathematics
PHD, University of Crete, 2004

Papanikolas, Matthew A, Professor
Mathematics
PHD, Brown University, 1998

Pearlstein, Rosanna, Lecturer
Mathematics
PHD, University of Massachusetts Amherst, 1998

Perales, Daniel, Visiting Assistant Professor
Mathematics
PHD, University of Waterloo, 2022

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

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

Rahm, Robert S, Instructional Associate Professor
Mathematics
PHD, Washington University in St. Louis, 2017

Ranabhat, Min Bahadur, Instructional Assistant Professor
Mathematics
PHD, Kansas State University, 2020

Reihani, Kamran, Instructional Assistant Professor
Mathematics
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

Schielack, Vincent, Associate Professor
Mathematics
PHD, The University of Texas at Austin, 1982

Schlumprecht, Thomas B, Professor
Mathematics
PHD, Ludwig Maximilians Universitat, Germany, 1988

Schrader, Todd W, Instructional Associate Professor
Mathematics
MS, Texas A&M University, 2016

Sengupta, Sinjini, Instructional Associate Professor
Mathematics
PHD, Florida State University, 2006

Shatalov, Oksana, Instructional Professor
Mathematics
PHD, Technion - Israel Institute of Technology, 2001

Shiu, Anne J, Professor
Mathematics
PHD, University of California at Berkeley, 2010

Siegel, Jonathan, Assistant Professor
Mathematics
PHD, University of California, Los Angeles, 2018

Siktar, Joshua, Visiting Assistant Professor
Mathematics
PHD, University of Tennessee, Knoxville, 2024

Simanjuntak, Paul, Visiting Assistant Professor
Mathematics
PHD, University of Missouri-Columbia, 2023

Smith, Roger R, Professor
Mathematics
PHD, University of Oxford, 1976

Sottile, Frank J, Professor
Mathematics
PHD, University of Chicago, 1994

Sprekeler, Timo Frank, Assistant Professor
Mathematics
PHD, University of Oxford, 2021

Stiller, Peter F, Professor
Mathematics
PHD, Princeton University, 1977

Sze, Christopher, Lecturer
Mathematics
PHD, University of South Florida, 2023

Thicke, Kyle Steven, Instructional Assistant Professor
Mathematics
PHD, Duke University, 2019

Titi, Edriss S, Professor
Mathematics
PHD, Indiana University, Bloomington, 1986

Tran, Minh Binh, Associate Professor
Mathematics
PHD, Paris 13 University, 2011

Victor, Collin, Visiting Assistant Professor
Mathematics
PHD, University of Nebraska - Lincoln, 2023

Vorobets, Mariya, Instructional Associate Professor
Mathematics
PHD, Lviv National University, 2004

Vorobets, Yaroslav, Associate Professor
Mathematics
PHD, Moscow Lomonosov State University, 1998

Wang, Kun, Instructional Assistant Professor
Mathematics
PHD, University of Puerto Rico, Rio Piedras, 2014

Wang, Xueyin, Visiting Assistant Professor
Mathematics
PHD, Nankai University, 2024

Weeks, John M, Instructional Assistant Professor
Mathematics
PHD, Mathematics, 2022

Welsh, Andrea, Visiting Assistant Professor
Mathematics
PHD, Georgia Institute of Technology, 2019

White, Jacob Anthony, Instructional Assistant Professor
Mathematics
PHD, Arizona State University, 2010

Whitfield, Jennifer G, Instructional Professor
Mathematics
PHD, Texas A&M University, 2017

Willis, Michael, Assistant Professor
Mathematics
PHD, University of Virginia, 2017

Witherspoon, Sarah J, Professor
Mathematics
PHD, University of Chicago, 1994

Xie, Zhizhang, Professor
Mathematics
PHD, The Ohio State University, 2011

Yan, Huafei, Professor
Mathematics
PHD, Massachusetts Institute of Technology, 1997

Yang, Tian, Associate Professor
Mathematics
PHD, Rutgers University at New Brunswick, 2013

Yang, Yuxuan, Visiting Assistant Professor
Mathematics
BS, Peking University, 2020

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

Yu, Guoliang, Professor
Mathematics
PHD, State University Of New York At Stony Brook, 1991

Zelenko, Igor, 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

Majors

- Bachelor of Science in Applied Mathematics, Actuarial Science Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-actuarial-science-emphasis/>)
- Bachelor of Science in Applied Mathematics, Biological Science Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-biological-science-emphasis/>)
- Bachelor of Science in Applied Mathematics, Computational Science Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-computational-science-emphasis/>)
- Bachelor of Science in Applied Mathematics, Cryptography Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-cryptography-emphasis/>)
- Bachelor of Science in Applied Mathematics, Economics Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-economics-emphasis/>)
- Bachelor of Science in Applied Mathematics, Math Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-math-emphasis/>)
- Bachelor of Science in Applied Mathematics, Statistics Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-statistics-emphasis/>)
- Bachelor of Science in Applied Mathematics and Master of Science in Economics, 5-Year Degree Program (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-economics-bs-ms/>)
- Bachelor of Science in Applied Mathematics and Master of Science in Mathematics, 5-Year Degree Program (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/applied-mathematics-bs-ms/>)
- Bachelor of Arts in Mathematics (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/ba/>)
- Bachelor of Arts in Mathematics, Teaching Emphasis (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/ba-teaching-emphasis/>)
- Bachelor of Arts in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/ba-ms/>)
- Bachelor of Science in Mathematics (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/bs/>)
- Bachelor of Science in Mathematics and Master of Science in Mathematics, 5-Year Degree Program (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/bs-ms/>)
- Bachelor of Science in University Studies, Mathematics for Teaching Concentration (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/bs-teaching-concentration/>)

Minors

- Mathematics Minor (<https://catalog.tamu.edu/undergraduate/arts-and-sciences/mathematics/minor/>)