

MATHEMATICS

Mathematics bridges the humanities and the sciences. Its position among the humanities is based on the study of mathematics as one of the liberal arts for more than two thousand years. The natural sciences have invariably turned to mathematics for techniques needed to explore the consequences of scientific theories. In the last few decades social scientists have increasingly found higher mathematics of value in their training and research. Still an expanding subject, mathematics is a part of more new and challenging frontiers than at any time in its long history—with many new fields, from data science to quantum computing, requiring new techniques and inspiring ideas for exploration.

Graduating math majors have obtained employment in a variety of jobs in business, industry, and governmental agencies and also have obtained teaching positions at the secondary school level (such teaching positions normally require teaching certification). Others have continued their education at the graduate level in mathematics and other fields. Departments in a variety of fields which use mathematics, including some in the social and biological sciences as well as in engineering and the physical sciences, are interested in attracting math majors into their graduate programs. Math Ph.D.'s obtain academic positions at the college and university level and nonacademic positions entailing consulting and research. The math major requirements are flexible enough to allow preparation for various goals, interests, and careers.

Students interested in mathematics might also consider the related degree program in applied mathematics, engineering and physics (<http://guide.wisc.edu/undergraduate/letters-science/mathematics/applied-mathematics-engineering-physics-bs-amep/>).

DEGREES/MAJORS/CERTIFICATES

- Applied Mathematics, Engineering, and Physics, B.S. AMEP (<http://guide.wisc.edu/undergraduate/letters-science/mathematics/applied-mathematics-engineering-physics-bs-amep/>)
- Mathematics, B.A. (<http://guide.wisc.edu/undergraduate/letters-science/mathematics/mathematics-ba/>)
- Mathematics, B.S. (<http://guide.wisc.edu/undergraduate/letters-science/mathematics/mathematics-bs/>)
- Mathematics, Certificate (<http://guide.wisc.edu/undergraduate/letters-science/mathematics/mathematics-certificate/>)

PEOPLE

PROFESSORS:

Anderson, David F
 Andrews, Uri
 Arinkin, Dima
 Caldararu, Andrei
 Craciun, Gheorghe
 Denisov, Sergey
 Ellenberg, Jordan
 Erman, Daniel M
 Feldman, Mikhail
 Gong, Xianghong
 Gurevich, Shamgar

Kent, Autumn Exum (Graduate Director)
 Lempp, Steffen
 Mari-Beffa, Gloria
 Maxim, Laurentiu
 Miller, Joseph S
 Paul, Sean T
 Poltoratski, Alexei
 Roch, Sebastien
 Rycroft, Christopher
 Seeger, Andreas
 Seppalainen, Timo
 Smith, Leslie M.
 Soskova, Mariya
 Spagnolie, Saverio
 Stechmann, Sam
 Stovall, Betsy
 Street, Brian Thomas (Associate Chair)
 Terwilliger, Paul M.
 Thiffeault, Jean-Luc (Chair)
 Tran, Hung Vinh
 Valko, Benedek (Undergraduate Director)
 Waleffe, Fabian
 Yang, Tonghai

ASSOCIATE PROFESSORS

Dymarz, Tullia Maria
 Guo, Shaoming
 Ifrim, Mihaela
 Kim, Chanwoo
 Li, Qin
 Marshall, Simon Lindsay
 Shen, Hao
 Shcherbyna, Tetyana
 Wang, Botong
 Zimmer, Andrew

ASSISTANT PROFESSORS

Albritton, Dallas
 Apisa, Paul
 Chen, Nan
 Cochran, Amy
 Fabien, Maurice
 Kemeny, Michael L J
 Lawrence, Brian
 Loving, Marissa
 Lyu, Hanbaek
 Ohm, Laurel
 Rodriguez, Jose Israel
 Uyanik, Caglar
 Waldron, Alex
 Wu, Chenxi
 Zepeda-Nunez, Leonardo

ACADEMIC STAFF

Benguria Andrews, Soledad (Calculus Coordinator)
 Friedman, Tracii (Math Learning Center Director)
 Grizzard, Robert (Associate Director for Instructional Programs)
 Ivanov, Mikhail (Math Learning Center Instructor)
 Jackson, Billy (Director of the Precalculus Program)
 Keller, Mitch (Associate Director of Undergraduate Programs)

Kwon, Oh Hoon (Associate Director of the Precalculus Program)

Lindsey, Melissa (Director of Instructional Support)

Phillipson, Kaitlyn (Undergraduate Course Coordinator)

Williams, Cassie (Associate Director of Instructional and Professional Development)

Work, Grace (Associate Director of Undergraduate Research)

ENROLLMENT COORDINATOR

Kyle Martinez