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 offers more new and challenging frontiers than at any time in its long history—with many new fields, requiring new techniques and 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 (Undergraduate Director)
Angenent, Sigurd B.
Arinkin, Dima
Caldararu, Andrei
Craciun, Gheorghe
Denisov, Sergey
Ellenberg, Jordan
Feldman, Mikhail
Gong, Xianghong
Kent, Autumn Exum
Lempp, Steffen
Mari-Beffa, Gloria
Maxim, Laurentiu
Miller, Joseph S
Paul, Sean T
Poltoratski, Alexei
Roch, Sebastien
Seeger, Andreas
Seppalainen, Timo (Chair)
Smith, Leslie M.
Stechmann, Sam
Street, Brian Thomas
Terwilliger, Paul M.
Thiffeault, Jean-Luc
Valko, Benedek (Associate Chair)
Waleffe, Fabian
Yang, Tonghai

**ASSOCIATE PROFESSORS:**
Andrews, Uri
Dymarz, Tullia Maria
Erman, Daniel M
Gorin, Vadim
Gurevich, Shamgar
Ifrim, Mihaela
Kim, Chanwoo
Li, Qin
Marshall, Simon Lindsay
Soskova, Mariya
Spagnolie, Saverio
Stovall, Betsy (Graduate Director)
Tran, Hung Vinh

**ASSISTANT PROFESSORS:**
Chen, Gao
Chen, Nan
Cochran, Amy
Guo, Shaoming
Kemeny, Michael L J
Rodriguez, Jose Israel
Shen, Hao
Wang, Botong
Zepeda-Nunez, Leonardo
Shankar, Ananth
Shcherbyna, Tetyana
Shen, Hao
Waldron, Alex
Wu, Chenxi
Zepeda-Nunez, Leonardo
Zimmer, Andrew

**ACADEMIC STAFF:**
Benguria Depassier, Soledad (Calculus Coordinator)
Grizzard, Robert (Associate Director for Instructional Programs)
Hanhart, Alexander (Associate Undergraduate Director)
Kwon, Oh Hoon (Math Education Coordinator)
Lindsey, Melissa (Associate Director for Instructional Support)
Sukiennik, Justin (Precalculus Coordinator and WisCel)
Rineck, Leah (Math Learning Center Director)

**ENROLLMENT COORDINATOR:**
Kyle Martinez