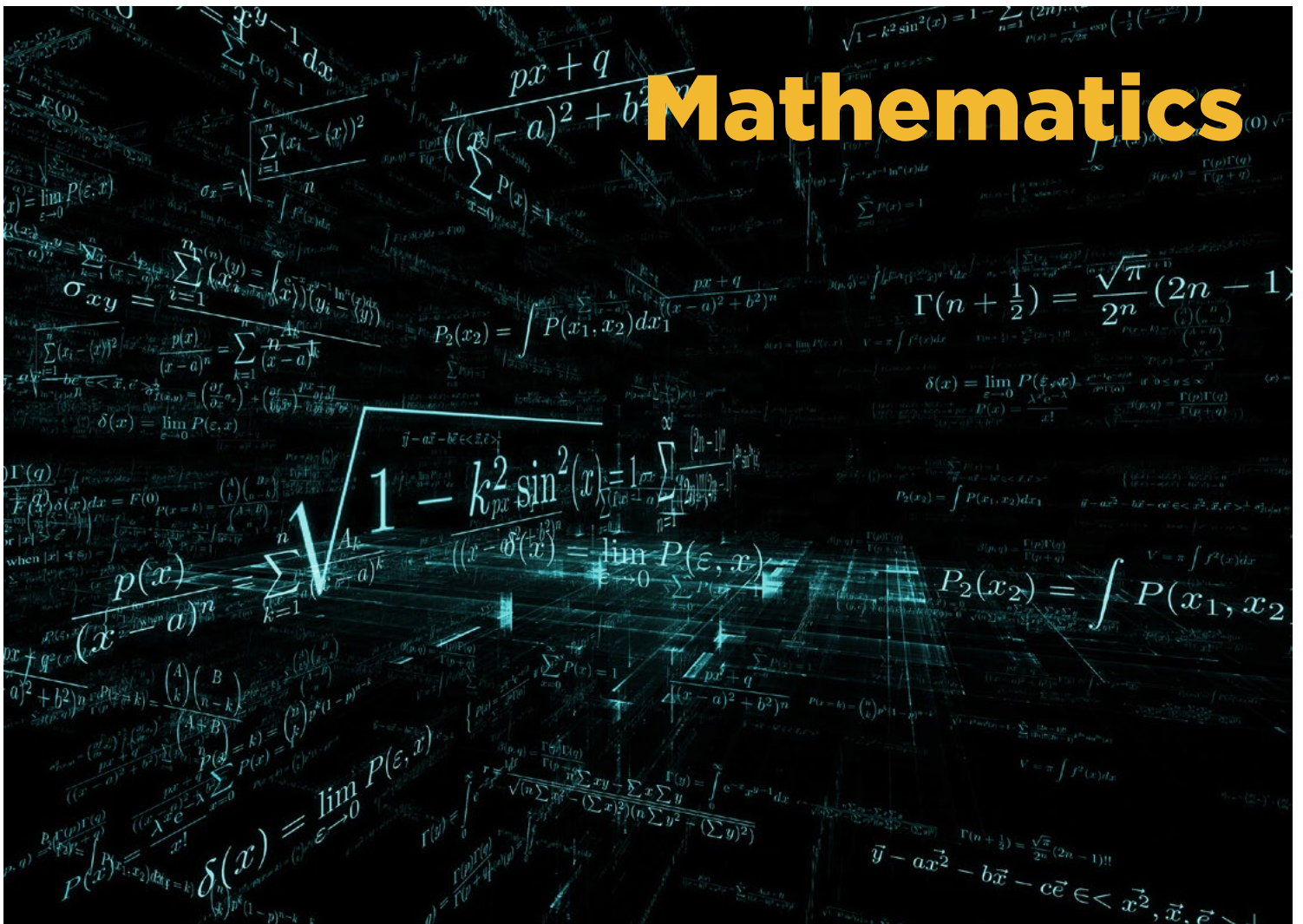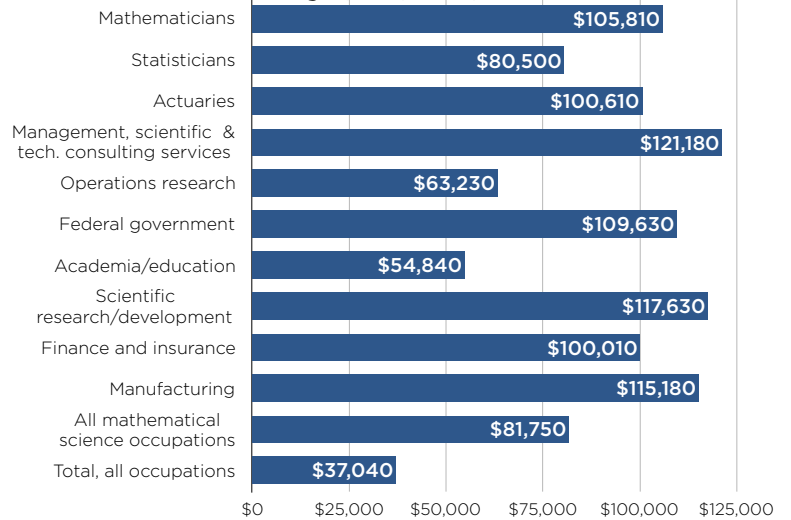# Mathematics

Mathematics at MU

The University of Missouri houses a vibrant mathematics program with more than 40 faculty members, including several top researchers studying problems in fields such as algebraic geometry, commutative algebra, harmonic analysis, mathematical physics, and partial differential equations.
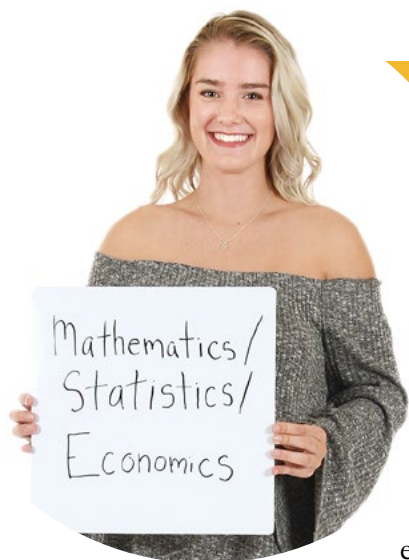
As an MU math major, you can study everything from financial mathematics and applied analysis to topology and abstract algebra. Our 5:1 student-to-faculty ratio allows you to develop good relationships with your professors and get the individual attention and support you need to succeed.

Many of our graduates go on to succeed in graduate school in math or in other fields such as economics, data science, statistics, finance or education. Or you could move into other fields of

Mathematicians: Median Annual Wages, May 2016
www.bls.gov/ooh/math/mathematicians.htm

Category	Median Annual Wage
Mathematicians	$105,810
Statisticians	$80,500
Actuaries	$100,610
Management, scientific & tech. consulting services	$121,180
Operations research	$63,230
Federal government	$109,630
Academia/education	$54,840
Scientific research/development	$117,630
Finance and insurance	$100,010
Manufacturing	$115,180
All mathematical science occupations	$81,750
Total, all occupations	$37,040

Mathematics
University of Missouri

Mathematics

labor, such as finance, actuarial and financial mathematics, technology research, and development and education.

Job Titles of Some Recent MU Math Graduates

Mathematician • Actuary • Data Analyst • Software Analyst • Software Developer Loan Review Analyst • High School Math Teacher • Associate (PwC)

Actuarial & Financial Mathematics

Actuaries analyze and assess the financial impact of risk for insurance companies, consulting and investment firms, government agencies, employee benefit departments of large corporations, hospitals, or banks. As an actuary, you would perform quantitative analysis using skills in mathematics, statistics, economics, and finance to decrease the impact of uncertain events.

Being an actuary requires passing a series of exams to earn an actuarial designation through the Society of Actuaries (SOA) or the Casualty Actuarial Society. MU now offers actuarial and financial mathematics courses to fully prepare you for the SOA exams. The department also reimburses students majoring in actuarial mathematics for the cost of actuarial exam preparation software for these exams.

22%

Expected growth in national employment of actuaries from 2016 to 2026.

www.bls.gov/ooh/math/actuaries.htm

Double Majors & Dual Degrees

Due to the nature of the major and its strong overlap with other technical fields, many math majors end up pursuing a second major while at MU. Common second majors include:

- Statistics
- Physics
- Engineering
- Computer Science
- Secondary Education
- Economics

Scholarships

The department offers a broad range of scholarships for undergraduates pursuing math degrees. Declared majors with fine academic records are encouraged to apply; math majors are also strongly encouraged to take advantage of the MU Fellowships Office, which provides excellent opportunities for upperclass students.

For More Info

🌐 www.math.missouri.edu

✉ muasmathsupportserv@missouri.edu

For specific degree requirements:
catalog.missouri.edu/undergraduategraduate/collegeofartsandscience/mathematics/#courseinventory

MU Admissions: admissions.missouri.edu

f MizzouMathematics