Mathematics and Statistics

College of Arts and Sciences

Degree Options

Bachelor of Science in Mathematics
- Actuarial Sciences
- Applied Mathematics
- Mathematics Teaching
- Statistics
- Theoretical Mathematics

Minors

Mathematics
Statistics

Program Strengths

- WSU's internship program places students at Boeing Corporation, Pacific Northwest National Laboratory, and other national labs and companies.
- Join a math, science, and engineering community residence hall—share classes with your neighbors, study together, get free tutoring, and use the hall's computer lab.
- The Owen Science and Engineering Library subscribes to more than 200 math journals and there are 15,000 volumes in the math section of the library.
- Work with department faculty on research projects.
- The department maintains strong computing facilities that are readily available for students.

Career Options

Actuary
Business management
Finance
Mathematics research and education
Engineering
Government
Law enforcement
Operations research
Statistician
Computer scientist
Consultant

Certification Requirements

Cumulative GPA 2.0 or higher
Must complete Math 171, 172, and 220 before applying for certification
Certification applications are evaluated, and certification decided, by a faculty committee
Math core GPA of 2.5 or higher. Those with a GPA under 2.5 will be determined on a case-by-case basis.

Suggested Classes for Freshmen

All math majors take the same set of core courses as a foundation for the degree. You may sign up for the course(s) given that you have met the proper prerequisites, which include either the appropriate ALEKS placement score, transfer credit, or AP credit. A quick overview of the courses:

Math 171, 172: Calculus I and II
Math 220: Linear Algebra
Math 273: Calculus III

Suggested Classes for Transfer Students

Math 300: Mathematical Computing
Math 301: Mathematical Reasoning
Math 315: Differential Equations
Math 360: Probability and Statistics
Math 401: Introduction to Math Analysis

Core Courses

Math 171 & 172: Calculus I & II
Math 220: Introductory Linear Algebra
Math 273: Calculus III
Math 300: Mathematical Computing
Math 301: Mathematical Reasoning
Math 315: Differential Equations
Math 360: Probability and Statistics
Math 398: Mathematical Snapshots
Math 401: Introduction to Math Analysis

WASHINGTON STATE UNIVERSITY

WASHINGTON STATE UNIVERSITY

Mathematics and Statistics

College of Arts and Sciences

Student Clubs

- Math Club: You don't have to be a math major to join. The club gives both graduate and undergraduate students an opportunity to use and improve their mathematics skills and to learn more about advancements and opportunities in the fields of mathematics. The group invites guest speakers and hosts a campus-wide math competition.
- PreToM Club: The Preservice Teachers of Mathematics Club gives WSU students studying math education an opportunity to use and improve their teaching and mathematical skills.
- WSU National Math Modeling Team: Prepare and compete as part of interdisciplinary teams in regional and international math modeling competitions.
- Putnam Team: Students work with faculty to prepare for the annual William Lowell Putnam Mathematical Competition.
- Actuarial Science Club: Students work together to prepare for the actuarial exams, edit their resumes, practice job interviews, and network.

For more information:

math.wsu.edu
info@math.wsu.edu
509-335-3926

Advisors

Christy Jacobs
cjacobs@math.wsu.edu
Neill 112
509-335-6868

Kris Johnson
kfjohnson@wsu.edu
Neill 107
509-335-8519