MATHEMATICS PROGRAM

ARE YOU INTERESTED IN BEING THE NEXT GREAT MATH EDUCATOR OR A DATA ANALYST? WE OFFER DIFFERENT PATHWAYS TO GET YOU THERE.

The Mathematics program at the University of West Georgia equips students with a robust foundation in statistics, providing essential scientific methods and tools to extract knowledge and insights from data and analyze real-world problems. Additionally, students gain a firm grounding in analysis and linear algebra, which are crucial for careers in machine learning and artificial intelligence. For those aspiring to teach or pursue higher education, the program offers a strong mathematical foundation to support their academic and professional goals. Differentiate yourself and integrate your success with UWG's Mathematics degree – Think, Solve, Communicate!

Bachelor of Science in Mathematics with a concentration in Applied Statistics and Data Analytics Track

- Background in applied statistics and data analytics
- Ready for employment in data analysis, statistical modeling, data-driven decision-making, and other types of quantitative analysis
- Prepares students for graduate studies in mathematics and math education, including an optional accelerated pathway to earning a Bachelor of Science Degree in Mathematics followed by a Master of Arts in Teaching from the UWG College of Education

Bachelor of Science in Mathematics with a concentration in Pure and Applied Mathematics

- Background in pure and applied mathematics, with emphasis on analytical skills and problem-solving
- Gain knowledge and skills necessary for a wide variety of careers in government and private-sector fields
- Prepares students for further study in mathematics or mathematics education, including an optional accelerated pathway to earning a Bachelor of Science Degree in Mathematics, followed by a Master of Arts in Teaching from the UWG College of Education

MATHEMATICS PROGRAM

ARE YOU INTERESTED IN BEING THE NEXT GREAT MATH EDUCATOR OR A DATA ANALYST? WE OFFER DIFFERENT PATHWAYS TO GET YOU THERE.

Embedded Certificate in Data Science

- Cross-disciplinary program designed for students pursuing a B.S. in Computer Science or Mathematics.
- Equips students with high-demand skills in data analytics and machine learning emphasizing best practices and ethical principles
- Hands-on learning and proficiency in standard programming languages
- Ready for careers in data science and analytics
- Enhances career prospects in industry and advanced studies

Minor in Mathematics

- Offers undergraduate students from various disciplines the opportunity to gain essential knowledge and skills in mathematics
- Requires students to successfully complete 15-18 hours of mathematics or statistics courses with at least nine of those hours at the 3000- or 4000-level