

# DEPARTMENT OF MATHEMATICS AND STATISTICS

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Professor and chair

math.vcu.edu (<http://www.math.vcu.edu>)

The Department of Mathematics and Statistics offers an undergraduate program leading to a Bachelor of Science in Mathematical Sciences with concentrations in applied mathematics, biomathematics, general mathematical sciences, mathematics, secondary mathematics teacher preparation and statistics. The department administers the Master of Science in Mathematical Sciences with concentrations in applied mathematics, mathematics and statistics and a Doctor of Philosophy in Systems Modeling and Analysis with concentrations in applied mathematics, discrete mathematics, and statistics and data science. The department jointly administers the Master of Science in Data Science (<https://bulletin.vcu.edu/graduate/school-engineering/computer-science/data-science-ms/#admissionrequirements>) with the Department of Computer Science. The department also offers a post-baccalaureate undergraduate Certificate in Statistics and a graduate Certificate in Applied Statistics.

Students who complete the requirements for the below will receive a Bachelor of Science in Mathematical Sciences.

- Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in applied mathematics (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-applied-mathematics/>)
- Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in biomathematics (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-biomathematics/>)
- Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in general mathematical sciences (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-general-mathematics/>)

- **Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in mathematics (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-mathematics/>)**

- Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in operations research (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-operations-research/>)

- **Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in secondary teacher preparation (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-secondary-teacher-preparation/>)**

- Mathematical Sciences, Bachelor of Science (B.S.) with a concentration in statistics (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-bs-concentration-statistics/>)
- Mathematics, minor in (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/mathematical-sciences-minor/>)
- Statistics, minor in (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/statistics-minor/>)
- Statistics, Certificate in (Post-baccalaureate undergraduate certificate) (<https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathandstat/statistics-certificate/>)