

DEPARTMENT OF MATHEMATICS AND STATISTICS

Rebecca Segal, Ph.D.
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/#admissionrequirementstext>) 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 either of these concentrations will receive a Master of Science in Mathematical Sciences.

- Mathematical Sciences, Master of Science (M.S.) with a concentration in applied mathematics (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/mathematical-sciences-ms-concentration-applied-mathematics/>)
- Mathematical Sciences, Master of Science (M.S.) with a concentration in mathematics (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/mathematical-sciences-ms-concentration-mathematics/>)
- Mathematical Sciences, Master of Science (M.S.) with a concentration in statistics (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/mathematical-sciences-ms-concentration-statistics/>)

Students who complete the requirements for any of these concentrations will receive a Doctor of Philosophy in Systems Modeling and Analysis.

- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/systems-modeling-analysis-phd/>)
- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) with a concentration in applied mathematics (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/systems-modeling-analysis-phd/>)
- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) with a concentration in discrete mathematics (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/systems-modeling-analysis-phd-concentration-discrete/>)
- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) with a concentration in industrial statistics and operations research (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/systems-modeling-analysis-phd-concentration-stats-data/>)

- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) with a concentration in statistics and data science (<https://bulletin.vcu.edu/graduate/college-humanities-sciences/mathematics-statistics/systems-modeling-analysis-phd-concentration-industrial/>)