DEPARTMENT OF STATISTICAL SCIENCES AND OPERATIONS RESEARCH

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Professor and interim chair

ssor.vcu.edu (https://ssor.vcu.edu/)

The Department of Statistical Sciences and Operations Research offers programs leading to a Bachelor of Science in Mathematical Sciences with a concentration in either operations research or statistics, a Master of Science in Mathematical Sciences with a concentration in either operations research or statistics and a Doctor of Philosophy in Systems Modeling and Analysis. The curriculum of the programs is run jointly with the Department of Mathematics and Applied Mathematics (https://bulletin.vcu.edu/undergraduate/college-humanities-sciences/departmentofmathematicsandappliedmathematics/).

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 operations research (https://bulletin.vcu.edu/graduate/college-humanities-sciences/statistical-sciences-operations-research/mathematical-sciences-ms-concentration-operations-research/)
- Mathematical Sciences, Master of Science (M.S.) with a concentration in 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/statistical-sciences-operations-research/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/statistical-sciences-operations-research/systems-modeling-analysis-phd-concentration-applied/)
- Systems Modeling and Analysis, Doctor of Philosophy (Ph.D.) with a concentration in discrete mathematics (https://bulletin.vcu.edu/graduate/college-humanities-sciences/statistical-sciences-operations-research/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/statistical-sciences-operations-research/systems-modeling-analysis-phd-concentration-industrial/)
- 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/statistical-sciences-operations-research/systems-modeling-analysis-phd-concentration-stats-data/)

Students who complete the requirements for this program will receive a Certificate in Applied Statistics.

- Applied Statistics, Certificate in (Graduate certificate) (https://bulletin.vcu.edu/graduate/college-humanities-sciences/statistical-sciences-operations-research/applied-statistics-certificate/)