

# DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS

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Professor and chair

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The Department of Mathematics and Applied Mathematics offers an undergraduate program leading to a Bachelor of Science in Mathematical Sciences with concentrations in applied mathematics, biomathematics, mathematics and secondary mathematics teacher preparation. The department administers the Master of Science in Mathematical Sciences concentrations in applied mathematics or mathematics and is involved in administering the Doctor of Philosophy in Systems Modeling and Analysis. The curricula of these programs are run jointly with additional concentrations offered by the Department of Statistical Sciences and Operations Research.

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

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