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.

- 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/)
- 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/)