

# Statistics Emphasis

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## MATHEMATICS Major

Code	Title	Credits
<b>Supporting Courses</b>		<b>16</b>
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
MATH 209	Multivariate Calculus	
MATH 260	Introductory Statistics	
<b>Upper-Level Courses</b>		<b>31</b>
MATH 314	Proofs in Number Theory and Topology	
MATH 320	Linear Algebra and Matrix Theory	
MATH 323	Analysis	
MATH 329	Applied Regression Analysis	
MATH 360	Theory of Probability	
MATH 355	Applied Mathematical Optimization	
MATH 361	Mathematical Statistics	
<b>Elective Courses (choose one of the following):</b>		
MATH 430	Design of Experiments	
MATH 431	Multivariate Statistical Analysis	
MATH 492	Special Topics in Mathematics	
Total Credits		47