

Bachelor of Science in Mathematics					
To qualify for a Bachelor of Science in Mathematics, the student must achieve a grade of C or better on all required and elective courses. Courses may be counted toward both Major and General Requirements. However, no course may fulfill two categories of General Requirements. (If you use any course for both Major and General Requirements, be sure to count the credits only ONCE toward the degree total.)					
Course Title		Course Number	Credits	Sem/YR	Senior Review
Required Courses (42 credits)					
Calculus I OR Active Calculus I, Calculus II OR Active Calculus II, Calculus III		640:121 OR 123, 640:122 OR 124, 640:221	12		
Linear Algebra OR Linear Algebra with Applications		640:250 OR 640:253	3		
Mathematical Reasoning with Proofs		640:300	3		
Introduction to Real Analysis I		640:311	3		
Elementary Differential Equations		640:314	3		
Probability and Stochastic Processes		640:331	3		
Applied Statistics OR Mathematical Statistics		960:336 OR 960:481	3		
Introduction to Modern Algebra I		640:351	3		
Theory of Numbers		640:356	3		
Introduction to Complex Analysis		640:403	3		
Geometry		640:435	3		
Total			42		
300-level Elective Courses (6 credits; choose two courses)					
Introduction to Real Analysis II		640:312	3		
Introduction to Modern Algebra II		640:352	3		
Introduction to Computational Mathematics		640:357	3		
Total			6		
400-level Elective Courses (9 credits)					
Any three Mathematics (640) or Statistics (960) courses at 400-level					
			3		
			3		
			3		
Total Credits			57		