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.)

Required Courses (48 credits)

Course Title	Course Number	Credits	Sem/YR	Senior Review
Calculus I, II, III	640:121, 122, 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 Modern Algebra II	640:352	3		
Introduction 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		