Bachelor of Arts in Pure Mathematics

To qualify for a Bachelor of Arts in Pure Mathematics, the student must achieve a grade of C or better on all required 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 (48 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		
Introduction to Modern Algebra I	640:351	3		
Introduction to Modern Algebra II	640:352	3		
Theory of Numbers	640:356	3		
Introduction to Complex Analysis	640:403	3		
Introduction Differential Geometry OR Topology	640:432 OR 640:441	3		
Geometry	640:435	3		
Math Seminar	640:491	3		
Total Credits		48		