Bachelor of Arts in Mathematics-Teaching Track

To qualify for a Bachelor of Arts in Mathematics-Teaching Track, 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.) Note: Courses with stars can be counted toward the accelerated Master of Arts in Teaching degree which leads to certification for teaching in New Jersey secondary schools.

Required Courses (48 credits)

Course Title	Course Number	Credits	Sem/YR	Senior Review
Calculus I, II, III	640:121, 122, 221	12		
Elementary Applied Statistics OR Introduction to Data Science	960:183 OR 960:185	3		
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		
Theory of Numbers	640:356	3		
Applied Statistics or Mathematical Statistics	960:336 OR 960:481	3		
Geometry*	640:435	3		
Methods in Teaching Mathematics* OR Teaching Methods*	640:465 OR 56:300:510	3		
Math Seminar	640:491	3		
Total Credits		48		