

MATHEMATICS SECOND ACADEMIC CONCENTRATION

Mathematics Second Academic Concentration for Elementary Education with K–6 Teacher Licensure, B.S.

The second academic concentration in Mathematics is designed specifically for Elementary Education Majors and Special Education Majors.

Requirements

- Minimum of 18 credit hours.

Code	Title	Credit Hours
Core Courses		12
MAT 191	Calculus I	
MAT 292	Calculus II	
STA 271	Fundamental Concepts of Statistics	
<i>Select one from the following:</i>		
MAT 220	Plane and Solid Analytic Geometry	
MAT 253	Discrete Mathematical Structures	
MAT 293	Calculus III	
MAT 310	Elementary Linear Algebra	
Additional Electives		6
<i>Select 6 credits from the following:</i>		
MAT 220	Plane and Solid Analytic Geometry	
MAT 253	Discrete Mathematical Structures	
MAT 293	Calculus III	
MAT 310	Elementary Linear Algebra	
MAT 311	Introduction to Abstract Algebra	
MAT 313	Historical Development of Mathematics	
MAT 353	Introduction to Discrete Mathematics	
MAT 390	Ordinary Differential Equations	
MAT 394	Calculus IV	
MAT 414	Theory of Numbers	
MAT 419	Intuitive Concepts in Topology	
MAT 431	Combinatorial Analysis	

Mathematics Second Academic Concentration for Special Education: General Curriculum, B.S.

The second academic concentration in Mathematics is designed specifically for Elementary Education Majors and Special Education Majors.

Requirements

- Minimum of 18 credit hours.

Code	Title	Credit Hours
Core Courses		12
MAT 191	Calculus I	
MAT 292	Calculus II	
STA 271	Fundamental Concepts of Statistics	
<i>Select one from the following:</i>		
MAT 220	Plane and Solid Analytic Geometry	
MAT 253	Discrete Mathematical Structures	
MAT 293	Calculus III	
MAT 310	Elementary Linear Algebra	
Additional Electives		6
<i>Select 6 credits from the following:</i>		
MAT 220	Plane and Solid Analytic Geometry	
MAT 253	Discrete Mathematical Structures	
MAT 293	Calculus III	
MAT 310	Elementary Linear Algebra	
MAT 311	Introduction to Abstract Algebra	
MAT 313	Historical Development of Mathematics	
MAT 353	Introduction to Discrete Mathematics	
MAT 390	Ordinary Differential Equations	
MAT 394	Calculus IV	
MAT 414	Theory of Numbers	
MAT 419	Intuitive Concepts in Topology	
MAT 431	Combinatorial Analysis	