

MATHEMATICS

Content Area Requirements

Code	Title	Credits
Secondary Content Area Requirements		
Take all of the following:		
MATH-170	CALCULUS I	4.00
MATH-175	CALCULUS II	4.00
MATH-186	DISCRETE MATHEMATICS	3.00
MATH-285	EUCLIDEAN GEOMETRY	3.00
MATH-367	MATHEMATICS FOR MIDDLE/SECONDARY SCHOOL TEACHERS	4.00
Primary Content Area Requirements		
Take all of the following:		
CS-111	COMPUTER SCIENCE 1	4.00
MATH-254	STATISTICAL METHODS	4.00
MATH-300	INTRODUCTION TO MATHEMATICAL REASONING	3.00
MATH-386	MODERN GEOMETRY	3.00
Endorsement Area Requirements		
Take all of the following:		
MATH-320	PROBABILITY AND STATISTICS	3.00
MATH-340	LINEAR ALGEBRA	3.00
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	5.00
Take two courses from the following:		6.00
BIOF-350	IMAGE ANALYSIS	
CS-226	SQL: STRUCTURED QUERY LANGUAGE	
MATH-275	CALCULUS III	
MATH-460	ABSTRACT ALGEBRA I	
MATH-480	REAL ANALYSIS I	
Total Credits		49.00