

Specific Area Endorsement Requirements

MATHEMATICS
(revised beginning for freshmen entering FALL 2010)

Math Endorsement Requirements: To be licensed to teach secondary school mathematics, the student must satisfactorily complete requirements for a baccalaureate degree in an arts and sciences discipline and at least 45 semester hours of credits in mathematics, including the following courses or their equivalents. Teacher licensure candidates must receive grades of "C-" or higher in the coursework listed below. *(revised June 2010)*

Mathematics		
Course	Course Title	Credits
Core Courses Required for All Mathematics Majors		
MATH 235	Calculus I <i>(General Education requirement)</i>	4
MATH 236	Calculus II	4
MATH 237	Calculus III	4
MATH 238	Linear Algebra with Differential Equations	4
MATH 245	Discrete Mathematics	3
MATH 248	Computers and Numerical Algorithms	4
MATH 318	Introduction to Probability and Statistics	4
MATH 410	Advanced Calculus	3
MATH 430	Abstract Algebra I	3
Total Core Course Credits		33

Course	Course Title	Credits
Additional Mathematics Course Requirements for Secondary Teaching Licensure		
MATH 310 <i>or</i> MATH 315	Elementary Theory of Numbers <i>or</i> The Real Number System	3
MATH 415	History of Mathematics	3
MATH 470	Connections in Mathematics	3
MATH 475	Fundamental Concepts of Geometry	3
Total Additional Mathematics Licensure Course Credits		12
Total Minimum Mathematics Endorsement Credits		45