

MATHEMATICS MAJOR WITH SECONDARY EDUCATION CONCENTRATION

Along with specific requirements for any major, all students in the Bachelor of Arts and Bachelor of Science degree programs must meet all general education (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/>) and graduation requirements (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/#text>) under a single catalog.

Requirements for a major in Mathematics with Secondary Education Concentration are as follows:

Code	Title	Credits
Introductory Courses:		
MATH 232	Calculus II	2-4
or MATH 234	Calculus II B	
MATH 245	Linear Algebra	4
MATH 301	Intro to Upper-Level Math	2
MATH 241	Introduction to Proofs	2-4
or CSCI 243	Discrete Mathematics and Functional Programming	
MATH 331	Vector Calculus	2
Computing Course:		
CSCI 235	Programming I: Problem Solving	4
or CSCI 245	Programming II: Object-Oriented Design	
Applied Courses:		
MATH 333	Differential Equations	4
MATH 363	Probability Theory	4
or MATH 263	Introduction to Statistics	
Capstone:		
MATH 494	Senior Seminar	2
<i>Area of Concentration - Secondary Education:</i>		
MATH 324	Methods of Teaching Mathematics	2
MATH 325	Methods of Teaching Middle Grade Mathematics	2
MATH 341	Modern Algebra	4
MATH 351	Analysis I	4
MATH 362	Geometry	4
Total Credits		42-46