MATHEMATICS TEACHING MAJOR - GRADES 4-12

Requirements

35 total credits

UW-Superior education programs are approved by the Wisconsin Department of Public Instruction to fulfill licensure requirements for the state of Wisconsin. If you seek licensure in a state other than Wisconsin, please see the UW-Superior Institutional Certification Office web page (https://www.uwsuper.edu/frequently-asked-questions/institutional-certification-office-faqs/) for further information and assistance.

Code	Title	Hours
Math Required Courses		
CSCI 170	Programming and Technology for the Teaching of Mathematics	3.00
MATH 240	Calculus and Analytic Geometry I	4.00
MATH 241	Calculus and Analytic Geometry II	4.00
MATH 242	Calculus and Analytic Geometry III	4.00
MATH 310	Introduction to Abstract Mathematics	3.00
MATH 315	Linear Algebra	3.00
MATH 362	Topics In Geometry	3.00
Special Topic Required Course		
MATH 320	Discrete Structures	4.00
or MATH 344	Differential Equations	
Probability/Statistics Required Course		
Select three credits of the following:		
MATH 370	Probability	3.00-4.00
or MATH 371	Statistics	
Advanced Level Mathematics Required Course		
Select one of the following:		4.00
MATH 421	Theory of Computation	
MATH 440	Real Analysis	
MATH 450	Topology	
MATH 455	Abstract Algebra	
MATH 471	Introduction to Complex Variables	
Math Education Required Courses		
MTHED 339	Secondary Methods in Mathematics Education	3.00
MTHED 305	Tutoring Practicum	1.00
Total Hours		**39.00-40.00**

All Grades 4-12 licensure students must also meet the Professional Education Requirements as outlined in the Teacher Education Certification section of this catalog. Students will also be required to maintain a minimum 3.0 cumulative GPA in their math content courses before being placed for student teaching; otherwise, the students will be required to pass a subject specific Praxis II exam designated by the Wisconsin Department of Public Instruction and maintain a minimum 2.5 cumulative GPA in their math content courses.