



**Name:** \_\_\_\_\_ **Student ID #:** \_\_\_\_\_ **Date:** \_\_\_\_\_

### University Studies Requirements

**Core Courses** \*completed within first 60 credits

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

### Humanities

Course	Course Title	Credits	Grade	Planned to Take
History _____	_____	3	_____	_____
Literature _____	_____	3	_____	_____
World Language, Culture, & Philosophy _____	_____	3	_____	_____

**Social Science (6 cr)** *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____	_____	3	_____	_____
Course 2 _____	_____	3	_____	_____

### Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____	_____	2	_____	_____
Lab _____	_____	4	_____	_____

### Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____	_____	3	_____	_____
Aesthetic Experience _____	_____	3	_____	_____

**Global Awareness & Diversity** *\*may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____	_____	3	_____	_____
Diversity _____	_____	3	_____	_____

## Mathematics Major Requirements

36 total credits required to include:

### Core required courses (22 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CSCI 201	Introduction to Programming	3		
	Calculus and Analytic			
MATH 240	Geometry I	4		
	Calculus and Analytic			
MATH 241	Geometry II	4		
	Calculus and Analytic			
MATH 242	Geometry III	4		
	Introduction to Abstract			
MATH 310	Mathematics	3		
MATH 315	Linear Algebra	3		
MATH 498	Mathematics Capstone	1		

### Probability, Statistics or Modeling required course (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 370	Probability	3		
MATH 371	Statistics	4		
MATH 380	Introduction to Mathematical Modeling	4		

### Advanced Topics required courses (8 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 421	Theory of Computation	4		
MATH 437	Cryptography	4		
MATH 440	Real Analysis	4		
MATH 450	Topology	4		
MATH 455	Abstract Algebra	4		
	Introduction to Complex			
MATH 471	Variables	4		

### Math Upper-Division Elective course (3 credits required):

At least one additional MATH course numbered 300 or above.

Course	Course Title	Credits	Grade	Planned to Take
--------	--------------	---------	-------	-----------------

Notes:



**Mathematics Teaching Major (Grades 4-12):**  
 Academic Plan of Study  
 2021-2022 Catalog

**Name:** \_\_\_\_\_ **Student ID #:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**University Studies Requirements**

**Core Courses** \*completed within first 60 credits

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

**Humanities**

Course	Course Title	Credits	Grade	Planned to Take
History _____		3	_____	_____
Literature _____		3	_____	_____
World Language, Culture, & Philosophy _____		3	_____	_____

**Social Science (6 cr)** *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____		3	_____	_____
Course 2 _____		3	_____	_____

**Natural & Physical Sciences**

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____		2	_____	_____
Lab _____		4	_____	_____

**Fine & Applied Arts**

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____		3	_____	_____
Aesthetic Experience _____		3	_____	_____

**Global Awareness & Diversity** *\*may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____		3	_____	_____
Diversity _____		3	_____	_____

## Mathematics Teaching Major (Grades 4-12) Requirements

35 total credits required to include:

### Core required courses (24 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CSCI 170	Programming and technology for the Teaching of Mathematics	3		
MATH 240	Calculus and Analytic Geometry I	4		
MATH 241	Calculus and Analytic Geometry II	4		
MATH 242	Calculus and Analytic Geometry III	4		
MATH 310	Introduction to Abstract Mathematics	3		
MATH 315	Linear Algebra	3		
MATH 362	Topics in Geometry	3		

### Special Topic required course (4 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 320	Discrete Structures	4		
MATH 344	Differential Equations	4		

### Probability, Statistics or Modeling required course (3 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 370	Probability	3		
MATH 371	Statistics	4		

### Advanced Level Mathematics required courses (4 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 421	Theory of Computation	4		
MATH 437	Cryptography	4		
MATH 440	Real Analysis	4		
MATH 450	Topology	4		
MATH 455	Abstract Algebra	4		
MATH 471	Introduction to Complex Variables	4		

### Math Education required course (4 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MTHED 339	Secondary Methods in Mathematics Education	3		
MTHED 305	Tutoring Practicum	1-3		

The [Instruction Minor](#) (22 credits) is required for teacher certification.

UW-Superior educational 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](#) for further information and assistance.