

## BS Mathematics Education Roadmap

<b>Program</b>	<b>Bachelor of Science: Mathematics Education</b>
<b>Total Credits</b>	120
<b>Catalog</b>	2022-2023

The plan below is **one** of several possible ways for you to complete this degree.

Your individualized plan may look different if you have already fulfilled some requirements.

Your Financial Aid Award may require additional term credits for full-time funding.

You must complete all university and program requirements successfully to complete this degree (GPA, 120 credits, LASC, WI, residency)

Curriculum	Course	Course Title	Credits	Take When	Total Credits
<b>120.00</b>					

### 1st Year

Core Requirement:	LASC 4	MATH 261	Calculus I	4.00	1st Fall	15.00
Core Requirement:		MATH 260	Computer Calculus	1.00	1st Fall	
Secondary Ed:		ED 294	Educational Psychology	3.00	1st Fall	
		First-Year Experience Course	FYE 101	First Year Experience	1.00	1st Fall
		LASC 1B	ENGL 101	English Composition	3.00	1st Fall
		LASC 1A	COMM 100	Speech Communication	3.00	1st Fall
Core Requirement:		MATH 262	Calculus II	4.00	1st Spring	13.00
Core Requirement:		MATH 311	Intro to Proof & Abstract Math	3.00	1st Spring	
Secondary Ed:		ED 205	Intro to Education	3.00	1st Spring	
	LASC/WI			3.00	1st Spring	

### 2nd Year

Core Requirement:	MATH 323	Multi-Variable & Vector Calculus	4.00	2nd Fall	17.00	
Core Requirement:	MATH 335	Intermediate Probability & Statistics I	4.00	2nd Fall		
Secondary Ed:		SPED 413	Teaching in Inclusive Environments	3.00	2nd Fall	
	LASC			3.00	2nd Fall	
	LASC/WI			3.00	2nd Fall	
Core Requirement:		MATH 327	Intro to Linear Algebra	3.00	2nd Spring	15.00
Core Requirement:		MATH 486	History of Mathematics	3.00	2nd Spring	
Secondary Ed:		ED 310	Social Foundations of Education	3.00	2nd Spring	
	LASC			3.00	2nd Spring	
	LASC			3.00	2nd Spring	

### 3rd Year

Core Requirement:	MATH 361	Intermediate Analysis I	4.00	3rd Fall	17.00	
Restricted Elective:	MATH ***	300-level or higher	3.00	3rd Fall		
	LASC		3.00	3rd Fall		
	LASC		4.00	3rd Fall		
	LASC/WI		3.00	3rd Fall		
Core Requirement:		MATH 316	Teaching Math in the Middle Grades	3.00	3rd Spring	15.00
Core Requirement:		MATH 487	Foundations of Geometry	3.00	3rd Spring	
Secondary Ed:		ED 498	The Professional Teacher in the Classroom	3.00	3rd Spring	
	LASC			3.00	3rd Spring	
	LASC			3.00	3rd Spring	

### 4th Year

Core Requirement:	MATH 476	Abstract Algebra I	4.00	4th Fall	16.00	
Core Requirement:	WI for major	MATH 416	Math in the Secondary School	3.00		4th Fall
Secondary Ed:		ED 448	Reading Study Skills in the Content Areas	3.00	4th Fall	
	LASC			3.00	4th Fall	
General Elective/Minor Course:			3.00	4th Fall		
Student Teaching:		ED 461S	Student Teaching: Secondary	12.00	4th Spring	12.00