

## Bachelor of Science Mathematics - Secondary Teaching (Grades 7-12)

This program leads to a bachelor of science degree in mathematics, secondary teaching. Computer science courses are included, and students work extensively with computer and calculator technology as it applies to classroom teaching. The program is highlighted by in-depth study in a subject major, extended teaching communities of diverse learners, and scholarly inquiry.

This program also includes general education requirements and a professional education sequence. While working toward completion of a major, students take the first two teacher education courses and then apply for formal admission to the program during their sophomore year. Graduates earn a bachelor's degree, which includes a semester of student teaching, in order to become certified to teach. Secondary teachers with advanced knowledge in mathematics are prepared to teach mathematics grades 7 to 12.

### Program Accreditation

The Educator Preparation Programs at Lake Superior State University are accredited by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation (CAEP).



### Career Choices

- ✓ High School Teacher
- ✓ Middle School Teacher
- ✓ Education Program Coordinator

### Job Statistics

Occupational Outlook Handbook—High School Teachers (bls.gov/ooh)

**\$62,870** 2020 National Median Pay

**8%** National Projected Job Growth

### We're here to help you!

Heidi Rife  
Regional Center Director  
ph: 906/217.4123 • email: hrife@lssu.edu  
www.lssu.edu/regional-center



### Where do I start?

Contact the Regional Center Director to discuss the transfer process, degree requirements, admissions requirements, financial aid options, and to personal your academic plan.

### How do I apply?

Fill out an application to LSSU online at [www.lssu.edu/apply](http://www.lssu.edu/apply) and request your official transcripts be sent to Admissions Office, 650 W. Easterday Avenue, Sault Ste. Marie, MI 49783 or [admissions@lssu.edu](mailto:admissions@lssu.edu).

### Why LSSU?

The rich history of LSSU dates back to 1946, when the university was founded in Sault Ste. Marie, the oldest city in Michigan. Since 1968, LSSU has maintained accredited by the Higher Learning Commission (HLC). We equip our graduates with the knowledge, practical skills, and inner strength to craft a life of meaningful employment, personal fulfillment, and generosity of self within an inclusive atmosphere, all while enhancing the quality of life of the Great Lakes region and the world.

**LAKE SUPERIOR STATE UNIVERSITY**  
PETOSKEY REGIONAL CENTER

Local Bachelor Degree Options:

- Accounting
- Business Administration
- Criminal Justice
- General Studies
- Nursing Completion
- Secondary Teaching
- Teacher Education

NCMC Campus

# Mathematics Secondary Teaching (Grades 7-12) Bachelor of Science

**Mission:**  
To promote the development of educational innovators who embrace diversity and are committed to the success of all learners.



Lake Superior State University's  
*B.S. Mathematics: Secondary Teaching (7-12)*



<u>Courses taken at NCMC College</u>						
Grade	Course #	Title	LSSU equiv	Credits	Electives:	
					Grade	Course#
						Credits
<input type="checkbox"/>	CIS104	Intro to Program Logic*	[CSCI105]	3		
<input type="checkbox"/>	CIS115	C++ Programming I*	[CSCI121]	4	<input type="checkbox"/>	
<input type="checkbox"/>	ED101	Intro to Education†	[TEAC101]	3	<input type="checkbox"/>	
<input type="checkbox"/>	ED201	Diversity, Equity & Inclusion†	[TEAC120]	3	<input type="checkbox"/>	
<input type="checkbox"/>	ENG111	English Composition I	[ENGL110]	3	<input type="checkbox"/>	
<input type="checkbox"/>	MATH150	Analytic Geo & Cal I‡	[MATH151]	5	<input type="checkbox"/>	
<input type="checkbox"/>	MATH210	Analytic Geo & Cal II‡	[MATH152]	5		
<input type="checkbox"/>	MATH215	Analytic Geo & Cal III‡	[MATH251]	4		
<input type="checkbox"/>	MATH225	Differential Equations‡	[MATH310]	3		
<input type="checkbox"/>	PHY230	Physics for Scientists & Eng I	[PHYS231]	5		
<input type="checkbox"/>		Communication (Rec: ENG112)	[ENGL111]	3		
<input type="checkbox"/>		Humanities		3		
<input type="checkbox"/>		Humanities		3		
<input type="checkbox"/>		Natural Science		4		
<input type="checkbox"/>		Social & Behavioral Science		3		
<input type="checkbox"/>		Social & Behavioral Science		3		
<input type="checkbox"/>		STEM & Modeling Cognate (6-10 cr) - Select 1 option from the following:		6		
<input type="checkbox"/>	Option 1 Biology (8 cr)		[BIOL131 & 132]			
		BIO151: Gen Bio I & BIO152: Gen Bio II				
<input type="checkbox"/>	Option 2 Chemistry (10 cr)		[CHEM115 & 116]			
		CEM121: Princ Chem I & CEM122: Princ Chem II				
<input type="checkbox"/>	Option 3 Data Science (6 cr) - LSSU only		[CSCI115 & 265]			
<input type="checkbox"/>	Option 4 Economics (6 cr)		[ECON201 & 202]			
<input type="checkbox"/>	ECO111: Macroecon & ECO132: Microecon					
<input type="checkbox"/>	Option 5 GIS (6 cr)		[EVRN131 & 225]			
<input type="checkbox"/>	GIS110: Intro to GIS I & GIS120: Intro to GIS II					
<input type="checkbox"/>	Option 6 Poli Sci: PLS141 & LSSU (8 cr)		[POLI110 & 234]			
<input type="checkbox"/>	PLS141: American Gov & LSSU's POLI234		[POLI110 & 234]			
				<b>Total credits at NCMC</b>	<b>63</b>	

Course satisfies MTA gen. ed. req'ments

<u>Courses taken at LSSU's Petoskey Regional Center</u>				
Grade	Course #	Title	Credits	
<input type="checkbox"/>	MATH215	Fundamental Concepts of Math‡	3	
<input type="checkbox"/>	MATH305	Linear Algebra	3	
<input type="checkbox"/>	MATH321	History of Mathematics‡	3	
<input type="checkbox"/>	MATH308	Prob & Stats	3	
<input type="checkbox"/>	MATH309	Applied Stats	3	
<input type="checkbox"/>	MATH321	History of Math	3	
<input type="checkbox"/>	MATH325	College Geometry‡	3	
<input type="checkbox"/>	MATH341	Abstract Algebra I	3	
<input type="checkbox"/>	MATH401	Mathematical Modeling	3	
<input type="checkbox"/>	MATH421	Real Analysis	3	
<input type="checkbox"/>	MEDU303	Teaching with Technology‡	3	
<input type="checkbox"/>	MEDU403	Secondary Math Instruct. Methods‡	3	
<input type="checkbox"/>	TEAC221	Special Ed & Partner†	3	
<input type="checkbox"/>	TEAC222	Adolescent Development†	3	
<input type="checkbox"/>	TEAC355	Gen Methods for Adolenc†	4	
<input type="checkbox"/>	TEAC423	Partner & Classroom Mgmt†	3	
<input type="checkbox"/>	TEAC480	Directed Teaching Seminar†	2	
<input type="checkbox"/>	TEAC492	Directed Teaching	10	
			<b>Total credits at LSSU</b>	<b>61</b>
			<b>Total NCMC &amp; LSSU credits</b>	<b>124</b>

For more info, please contact:  
 Heidi Rife  
 Regional Center Director  
 Lake Superior State University  
 phone: 906.217.4123  
 email: hrife@lssu.edu  
  
[www.lssu.edu/regional-center](http://www.lssu.edu/regional-center)

- Degree Requirements**
- MTA or MACROA earned @ NCMC
  - Minimum 124 total credits
  - Minimum overall GPA 2.0
  - Minimum departmental GPA 2.0
  - 50% of 300/400 level department credits earned @ LSSU
  - Professional Ed sequence courses† require minimum B- grade, including transfer credit
  - Math Major courses‡ & cognate\* require minimum C grade
  - Teacher Education admission req'd for LSSU's education courses
  - Student Teaching admission req'd for TEAC480 and 492

- Checklist**
- Apply to LSSU: [www.lssu.edu](http://www.lssu.edu)
  - \$0 Application fee
  - Send all official transcripts to LSSU
  - Apply for Financial Aid (LSSU's FASFA Code: 00293)

*LSSU's courses may be offered on a yearly or alternating year rotation. Consultation with an advisor is recommended as course rotation is subject to change.*