

## 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**  
ESCANABA • IRON MOUNTAIN

Local Bachelor Degree Options:

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

Bay College 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.



## B.S. Mathematics: Secondary Teaching (Grades 7-12)

**Courses taken at Bay College**

Grade	Course #	Title	LSSU equiv	Credits	Electives:		
					Grade	Course#	Credits
<input type="checkbox"/>	CSCI101	Computer Science I	[CSCI105]	3	<input type="checkbox"/>		
<input type="checkbox"/>	CSCI120	Principles of Programming	[CSCI121]	4	<input type="checkbox"/>		
<input type="checkbox"/>	EDUC202	Educational Psychology	[TEAC222]	3	<input type="checkbox"/>		
<input type="checkbox"/>	EDUC212	Exploring Teaching	[TEAC101]	3	<input type="checkbox"/>		
<input type="checkbox"/>	EDUC220	Diversity in Education	[TEAC120]	3	<input type="checkbox"/>		
<input type="checkbox"/>	ENGL101	Rhetoric & Composition	[ENGL110]	3	<input type="checkbox"/>		
<input type="checkbox"/>		ENGL102: Research Writing -or- ENGL145		3	<input type="checkbox"/>		
<input type="checkbox"/>		-or- COMM103, 104, 120			<input type="checkbox"/>		
<input type="checkbox"/>	MATH141	Analytical Geo & Cal I	[MATH151]	5	<input type="checkbox"/>		
<input type="checkbox"/>	MATH142	Analytical Geo & Cal II	[MATH152]	5	<input type="checkbox"/>		
<input type="checkbox"/>	MATH243	Analytical Geo & Cal III	[MATH251]	5	<input type="checkbox"/>		
<input type="checkbox"/>	MATH250	Intro to Linear Algebra	[MATH305]	3	<input type="checkbox"/>		
<input type="checkbox"/>	MATH244	Differential Equations	[MATH310]	3	<input type="checkbox"/>		
<input type="checkbox"/>	PHYS201	Engineering Physics I	[PHYS231]	5	<input type="checkbox"/>		
<input type="checkbox"/>		Humanities		3	<input type="checkbox"/>		
<input type="checkbox"/>		Humanities		3	<input type="checkbox"/>		
<input type="checkbox"/>		Natural Science w/Lab		4	<input type="checkbox"/>		
<input type="checkbox"/>		Social & Behavioral Science		3	<input type="checkbox"/>		
<input type="checkbox"/>		Social & Behavioral Science		3	<input type="checkbox"/>		
Select one options from the following:				(6-10 cr)	6		
8 cr Biology: ___ BIOL131 & ___ BIOL132			[BIOL131 & 132]				
10 cr Chemistry: ___ CHEM110 & ___ CHEM112			[CHEM115 & 116]				
6 cr Data Science (LSSU only): ___ CSCI115 & ___ CSCI265							
6 cr Economics: ___ ECON131 & ___ ECON132			[ECON201 & 202]				
6 cr GIS: ___ GIS201 & ___ LSSU's EVRN225			[EVRN131]				
6 cr Poli Sci: ___ POLI111 & ___ LSSU's POLI234			[POLI110]				
<input type="checkbox"/>		Electives		9			
				<b>Total credits at Bay</b>	<b>79</b>		

Course satisfies MTA gen. ed. req'ments

**Courses taken at LSSU's Escanaba Regional Center**

Grade	Course #	Title	Credits
<input type="checkbox"/>	MEDU303	Teaching with Technology	3
<input type="checkbox"/>	MEDU403	Secondary Math Instruct Mthds	3
<input type="checkbox"/>	MATH215	Fund. Concepts of Math	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"/>	TEAC221	Special Ed & Partner	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	3
<b>Total credits at LSSU</b>			<b>45</b>
<b>Total Bay &amp; LSSU credits</b>			<b>124</b>

For more info, please contact:  
Heidi Rife

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[www.lssu.edu/regional-center](http://www.lssu.edu/regional-center)

**Degree Requirements**

- MTA earned @ Bay College
- Minimum 124 total credits
- Minimum overall GPA 2.7
- 50% of 300/400 level department credits earned @ LSSU
- Professional Ed sequence courses† require minimum B- grade, including transfer credit
- Math major & cognate courses require minimum C grade
- Teacher Education admission req'd for LSSU's education courses
- Student Teaching admission req'd for TEAC480 and 492
- Certification requires passing grade on MTTC 5-9 Exam

**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.*