



## BACHELOR OF SCIENCE MATHEMATICS - SECONDARY TEACHING (GRADES 5-9)

This program leads to a Bachelor of Science degree in Mathematics with a Secondary Teaching focus. It includes coursework in computer science and emphasizes the use of computer and calculator technologies in classroom instruction. Key program features include in-depth study within the mathematics major, engagement with diverse teaching communities, and a strong foundation in scholarly inquiry.

In addition to general education requirements, students complete a professional education sequence. While progressing through their major coursework, students take the first two teacher education courses and apply for formal admission to the program during their sophomore year. The degree culminates in a semester of student teaching, preparing graduates for state certification. Upon completion, graduates are qualified to teach mathematics in grades 5 through 9 and are equipped with the advanced content knowledge and pedagogical skills needed for success in today's classrooms.

### JOB STATISTICS

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

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

**8%** National Project Job Growth

### CONTACT

Heidi Rife, DBA  
Regional Centers Director

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www.lssu.edu/regional-center



### Why LSSU?

- ▶ Rated #5 Top Public School by Regional Colleges - Midwest
- ▶ 16:1 Student Faculty Ratio
- ▶ Extensive real-world, innovative learning environments
- ▶ Alumni network of over 23,000 in the Great Lakes region
- ▶ Cost savings to staying local
- ▶ Accredited by the Higher Learning Commission of North Central Association since 1968
- ▶ The Educator Preparation Programs are accredited by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation (CAEP).



### CAREER CHOICES

- Math Teacher - Grades 5-9
- Math Interventionalist
- Data Analyst
- Education Consultant
- STEM Program Coordinator



**SUPERIOR EDUCATION  
SUPERIOR EXPERIENCE  
SUPERIOR YOU**



### Our Mission:

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

## MATHEMATICS SECONDARY TEACHING (GRADES 5-9)

**Bachelor of Arts**



**LAKE SUPERIOR  
STATE UNIVERSITY**

Escanaba • Iron Mountain

Lake Superior State University's  
**B.S. Mathematics: Secondary Teaching (Grades 5-9)**



**Courses taken at Bay College**

<input type="checkbox"/>	<u>Grade</u>	<u>Course #</u>	<u>Title</u>	<u>LSSU equiv</u>	<u>Credits</u>	<u>Electives:</u>
<input type="checkbox"/>		CSCI101	Computer Science I	[CSCI105]	3	<u>Grade</u> <u>Course#</u> <u>Credits</u>
<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"/>		MATH210	Intro to Statistics	[MATH207]	4	<input type="checkbox"/>
<input type="checkbox"/>		PHYS201	Engineering Physics I	[PHYS231]	5	<input type="checkbox"/>
<input type="checkbox"/>			-or- PHYS205: Eng Physics I	[PHYS231]		
<input type="checkbox"/>			Humanities		3	
<input type="checkbox"/>			Humanities		3	
<input type="checkbox"/>			Natural Science w/Lab		4	
<input type="checkbox"/>			Social & Behavioral Science		3	
<input type="checkbox"/>			Social & Behavioral Science		3	
Select two options from the following:					(12-18 cr) 12	
	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			15	
					<b>Total credits at Bay</b>	<b>84</b>

Course satisfies MTA gen. ed. req'ments

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

<input type="checkbox"/>	<u>Grade</u>	<u>Course #</u>	<u>Title</u>	<u>Credits</u>	
<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"/>		MATH321	History of Math	3	
<input type="checkbox"/>		MATH325	College Geometry	3	
<input type="checkbox"/>		TEAC221	Special Ed & Partner	3	
<input type="checkbox"/>		TEAC343	3-6 Operations	3	
<input type="checkbox"/>		TEAC355	Gen Methods for Adolenc	4	
<input type="checkbox"/>		TEAC423	Partner & Classroom Mgmt	3	
<input type="checkbox"/>		TEAC444	3-6 Frac, Dec & Operations	3	
<input type="checkbox"/>		TEAC453	3-6 Math & Science Methods	4	
<input type="checkbox"/>		TEAC480	Directed Teaching Seminar	2	
<input type="checkbox"/>		TEAC492	Directed Teaching	3	
				<i>Total credits at LSSU</i>	<i>40</i>
				<i>Total Bay &amp; LSSU credits</i>	<i>124</i>

For more info, please contact:

**Heidi Rife, DBA**

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**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
- \$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.*