

Secondary Education Mathematics Bachelor of Science

Bachelor of Science Secondary Education- Mathematics

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

Where do I start? Contact the Regional Center Director to discuss degree requirements, admissions requirements, financial aid, and customize your academic plan.

How do I apply? Fill out an application to LSSU online at www.lssu.edu and have official transcripts sent to Admissions Office, 650 W. Easterday Avenue, Sault Ste. Marie, MI 49783.

Why LSSU? Founded in 1946, LSSU is fully accredited by the Higher Learning Commission of the North Central Association since 1968. 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.

We're here to help you!

Heidi (Berg) Rife
Regional Center Director
Bay College JHUC Office #924
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www.lssu.edu/regional-center



LAKE SUPERIOR STATE UNIVERSITY

ESCANABA REGIONAL CENTER



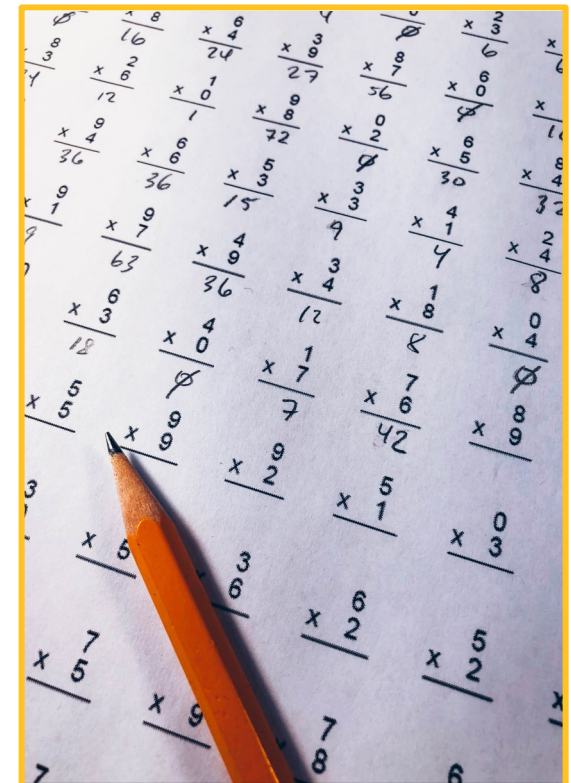
*Delivering Academic Excellence
Close to You!*

Earn Your Degree Locally!

Bachelor Degree Programs:

- Accounting
- Business Administration
- Criminal Justice
- Education
 - Early Childhood
 - Elementary Ed
 - Secondary Ed
- General Studies
- Nursing Completion

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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

<u>Courses taken at Bay College</u>					
Grade	Course #	Title	LSSU equiv	Credits	Electives:
					Grade Course# Credits
<input type="checkbox"/>		CIS103 or CSCI121 or CSCI122*	[CSCI105 or 121]	4	
<input type="checkbox"/>		ECON131 Macroeconomics	[ECON201]	3	<input type="checkbox"/>
<input type="checkbox"/>		ENGL101 Rhetoric & Composition	[ENGL110]	3	<input type="checkbox"/>
<input type="checkbox"/>		ENGL102 Research Writing†	[ENGL111]	3	<input type="checkbox"/>
<input type="checkbox"/>		EDUC202 Educational Psychology†	[EDUC301]	3	<input type="checkbox"/>
<input type="checkbox"/>		EDUC210 or EDUC103 or CHLD150 or FYE101†	[EDUC101]	2	<input type="checkbox"/>
<input type="checkbox"/>		MATH141 Analytic Geog & Calc I‡	[MATH151]	5	
<input type="checkbox"/>		MATH142 Analytic Geog & Calc II‡	[MATH152]	5	
<input type="checkbox"/>		MATH210 Introduction to Statistics‡	[MATH207]	4	
<input type="checkbox"/>		MATH243 Analytical Geometry & Calc III‡	[MATH251]	5	
<input type="checkbox"/>		MATH244 Differential Equations‡	[MATH310]	3	
<input type="checkbox"/>		MATH250 Intro to Linear Algebra‡	[MATH305]	3	
<input type="checkbox"/>		Humanities		3	
<input type="checkbox"/>		Humanities		3	
<input type="checkbox"/>		Natural Science		4	
<input type="checkbox"/>		Natural Science w/Lab		4	
<input type="checkbox"/>		Social & Behavioral Science		3	
<input type="checkbox"/>		Free elective		3	
<input type="checkbox"/>		Free elective (LSSU if earning a minor)		3	
<input type="checkbox"/>		Free elective (LSSU if earning a minor)		3	
<input type="checkbox"/>		Free elective (LSSU if earning a minor)		3	
<input type="checkbox"/>		Free elective (LSSU if earning a minor)		2	
				Total credits at Bay	74

Course satisfies MTA gen. ed. req'ments

<u>Courses taken at LSSU's Escanaba Regional Center</u>					
Grade	Course #	Title	Fieldwork	Credits	
<input type="checkbox"/>		EDSE301 Intro to Special Education†	2-3 hrs/wk	3	
<input type="checkbox"/>		EDUC250 Student Diversity & Schools†	2-3 hrs/wk	4	
<input type="checkbox"/>		EDUC350 Integrating Technology†	-	3	
<input type="checkbox"/>		EDUC415 Gen Instructional Methods†	2-3 hrs/wk	2	
<input type="checkbox"/>		EDUC440 Reading Content Area†	Req'd	3	
<input type="checkbox"/>		EDUC442 or EDUC452 Math Methods†	3-4 hrs	3	
<input type="checkbox"/>		EDUC460 Classroom Management†	-	2	
<input type="checkbox"/>		EDUC480 Directed Teaching: Sem†	-	2	
<input type="checkbox"/>		EDUC492 Directed Teaching†	1 semester	10	
<input type="checkbox"/>		MATH215 Fundamental Concepts of Math‡		3	
<input type="checkbox"/>		MATH216 Discrete Mathematics‡		3	
<input type="checkbox"/>		MATH321 History of Mathematics‡		3	
<input type="checkbox"/>		MATH325 College Geometry‡		3	
<input type="checkbox"/>		MATH341 Abstract Algebra I‡		3	
<input type="checkbox"/>		MATH401 Mathematical Modeling‡		3	
				Total credits at LSSU	50
				Total Bay & LSSU credits	124

For more info, please contact:

Heidi (Berg) Rife

Regional Center Director

Lake Superior State University

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www.lssu.edu/regional-center

Degree Requirements

- MTA or MACROA 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 courses‡ & cognate* require minimum C grade
- Teacher Education admission req'd for LSSU's education courses
- Student Teaching admission req'd for EDUC480 and 492

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.