

# 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

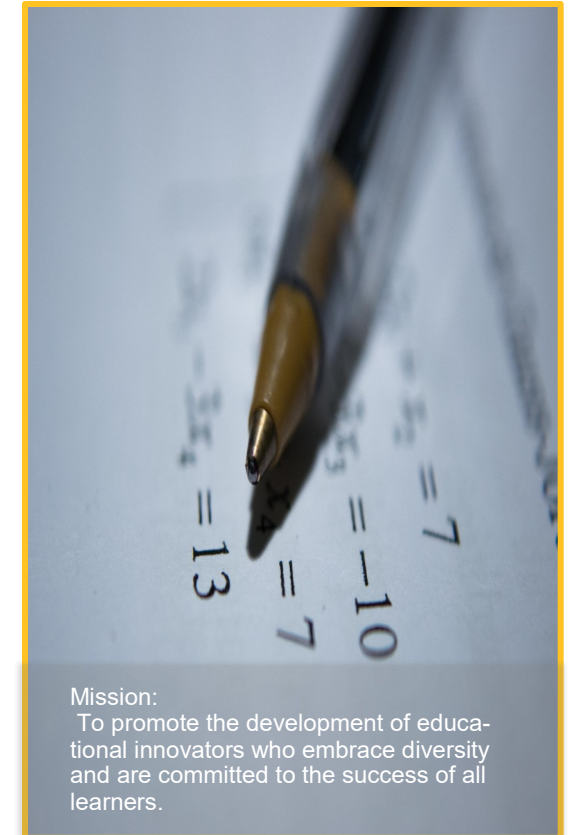
**Where do I start?** Contact the Regional Center Director to discuss degree requirements, admissions requirements, financial aid, and customize your academic plan.

**How do I apply?** Fill out an application to LSSU online at [www.lssu.edu](http://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!  
Contact us with any questions:**

Heidi (Berg) Rife  
Regional Center Director  
ph: 906/217.4123 • email: [hberg@lssu.edu](mailto:hberg@lssu.edu)  
[www.lssu.edu/regional-center](http://www.lssu.edu/regional-center)



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

**LAKE SUPERIOR**  
STATE UNIVERSITY

**PETOSKEY REGIONAL CENTER**

*Earn Your Degree  
Locally!*

*Delivering Academic Excellence  
Closer to You*

Bachelor Degree Programs:

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

906/217.4123 • NCMC Campus



Lake Superior State University's  
*B.S. Mathematics: Secondary Teaching*



<u>Courses taken at NCMC College</u>					
Grade	Course #	Title	LSSU equiv	Credits	Electives:
					Grade Course# Credits
<input type="checkbox"/>		CIS106: Intro to .NET -or- CIS115: C++ Programming:	[CSCI105]	3	
<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"/>
<input type="checkbox"/>		MATH215 Analytic Geo & Cal III‡	[MATH251]	4	<input type="checkbox"/>
<input type="checkbox"/>		MATH225 Differential Equations‡	[MATH310]	3	<input type="checkbox"/>
<input type="checkbox"/>		MATH235 Linear Algebra‡	[MATH305]	3	
<input type="checkbox"/>	SD125	First Year Experience*	[EDUC101]	3	
<input type="checkbox"/>	STAT200	Statistics*‡	[MATH207]	3	
<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"/>		Natural Science w/Lab		4	
<input type="checkbox"/>		Social & Behavioral Science		3	
<input type="checkbox"/>		Social & Behavioral Science		3	
<input type="checkbox"/>		Free elective		4	
<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)		3	
				<b>Total credits at NCMC</b>	<b>71</b>

Course satisfies MTA gen. ed. req'ments

<u>Courses taken at LSSU's Petoskey 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"/>	EDUC301	Ed Psych Learning Theory†	2-3 hrs/wk	3	
<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	
				<b>Total credits at LSSU</b>	<b>53</b>
				<b>Total NCMC &amp; LSSU credits</b>	<b>124</b>

For more info, please contact:  
 Heidi (Berg) Rife  
 Regional Center Director  
 Lake Superior State University  
 phone: 906.217.4123  
 email: hberg@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 EDUC480 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*