BACHELOR OF SCIENCE MATHEMATICS – SECONDARY TEACHING (GRADES 7-12)

This program leads to a Bachelor of Science degree in Mathematics with a Secondary Teaching emphasis. It incorporates computer science coursework, and students gain extensive experience using computer and calculator technologies relevant to classroom instruction. The program is distinguished by rigorous study in the mathematics major, engagement with diverse learning communities, and a focus on scholarly inquiry.

In addition to completing general education requirements, students follow a structured professional education sequence. While progressing through their major, students enroll in the first two teacher education courses and apply for formal admission to the program during their sophomore year. The degree includes a semester of student teaching, providing practical experience in real-world classroom settings. Upon graduation, students are certified to teach mathematics in grades 7–12 and are well-prepared with both deep content knowledge and effective pedagogical skills.

JOB STATISTICS

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

$62,870 2020 National Median Pay

8% National Project Job Growth

CONTACT

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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).

CAEP Council for the Accreditation of Educator Preparation

CAREER CHOICES

- Math Teacher - Grades 7-12
- 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 7-12)

Bachelor of Arts

⚓ **LAKE SUPERIOR STATE UNIVERSITY**

Escanaba • Iron Mountain

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

LAKE SUPERIOR STATE UNIVERSITY
ESCANABA ▪ IRON MOUNTAIN

Courses taken at Bay College

	Grade	Course #	Title	LSSU equiv	Credits
☐		CSCI101	Computer Science I	[CSCI105]	3
☐		CSCI120	Principles of Programming	[CSCI121]	4
☐		EDUC202	Educational Psychology	[TEAC222]	3
☐		EDUC212	Exploring Teaching	[TEAC101]	3
☐		EDUC220	Diversity in Education	[TEAC120]	3
☐		ENGL101	Rhetoric & Composition	[ENGL110]	3
☐			ENGL102: Research Writing -or- ENGL145		3
☐			-or- COMM103, 104, 120		
☐		MATH141	Analytical Geo & Cal I	[MATH151]	5
☐		MATH142	Analytical Geo & Cal II	[MATH152]	5
☐		MATH243	Analytical Geo & Cal III	[MATH251]	5
☐		MATH250	Intro to Linear Algebra	[MATH305]	3
☐		MATH244	Differential Equations	[MATH310]	3
☐		PHYS201	Engineering Physics I	[PHYS231]	5
☐			Humanities		3
☐			Humanities		3
☐			Natural Science w/Lab		4
☐			Social & Behavioral Science		3
☐			Social & Behavioral Science		3

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]

	Grade		Title		Credits
☐			Electives		9
			Total credits at Bay		**79**

Electives:

	Grade	Course#	Credits
☐			
☐			
☐			
☐			
☐			
☐			
☐			
☐			
☐			

Course satisfies MTA gen. ed. req'ments

Courses taken at LSSU's Escanaba Regional Center

	Grade	Course #	Title	Credits
☐		MEDU303	Teaching with Technology	3
☐		MEDU403	Secondary Math Instruct Mthds	3
☐		MATH215	Fund. Concepts of Math	3
☐		MATH308	Prob & Stats	3
☐		MATH309	Applied Stats	3
☐		MATH321	History of Math	3
☐		MATH325	College Geometry	3
☐		MATH341	Abstract Algebra I	3
☐		MATH401	Mathematical Modeling	3
☐		MATH421	Real Analysis	3
☐		TEAC221	Special Ed & Partner	3
☐		TEAC355	Gen Methods for Adolenc	4
☐		TEAC423	Partner & Classroom Mgmt	3
☐		TEAC480	Directed Teaching Seminar	2
☐		TEAC492	Directed Teaching	3
			Total credits at LSSU	**45**
			Total Bay & LSSU credits	**124**

F24 Audit, July-25

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.