

Bachelor of Science Mathematics - Secondary Teaching (Grades 5-9)

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 5 to 9.

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!

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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 and request your official transcripts be sent to Admissions Office, 650 W. Easterday Avenue, Sault Ste. Marie, MI 49783 or 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
PETOSKEY REGIONAL CENTER

Local Bachelor Degree Options:

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

NCMC Campus

Mathematics Secondary Teaching (Grades 5-9) Bachelor of Science



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



Courses taken at NCMC College

| Grade | Course # | Title | LSSU equiv | Credits | Electives: |
|--------------------------|--|---|-----------------|-----------|--------------------------|
| | | | | | Grade Course# Credits |
| <input type="checkbox"/> | CIS104 | Intro to Program Logic | [CSCI105] | 3 | <input type="checkbox"/> |
| <input type="checkbox"/> | CIS115 | C++ Programming I | [CSCI121] | 4 | <input type="checkbox"/> |
| <input type="checkbox"/> | ED101 | Intro to Education | [TEAC101] | 3 | <input type="checkbox"/> |
| <input type="checkbox"/> | ED201 | Diversity, Equity & Inclusion | [TEAC120] | 3 | <input type="checkbox"/> |
| <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"/> | PHY210 | General Physics I | [PHYS221] | 5 | |
| <input type="checkbox"/> | or PHY230 | Physics for Scientists & Eng I | [PHYS231] | | |
| <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"/> | | Social & Behavioral Science | | 3 | |
| <input type="checkbox"/> | | Social & Behavioral Science | | 3 | |
| | | STEM & Modeling Cognate (6-10 cr) - Select 1 option from the following: | | 6 | |
| <input type="checkbox"/> | Option 1 Biology (8 cr) | | [BIOL131 & 132] | | |
| | | BIO151: Gen Bio I & BIO152: Gen Bio II | | | |
| <input type="checkbox"/> | Option 2 Chemistry (10 cr) | | [CHEM115 & 116] | | |
| | | CEM121: Princ Chem I & CEM122: Princ Chem II | | | |
| <input type="checkbox"/> | Option 3 Data Science (6 cr) - LSSU only | | [CSCI115 & 265] | | |
| | Option 4 Economics (6 cr) | | [ECON201 & 202] | | |
| <input type="checkbox"/> | ECO111: Microecon & ECO132: Microecon | | | | |
| | Option 5 GIS (6 cr) | | [EVRN131 & 225] | | |
| <input type="checkbox"/> | GIS110: Intro to GIS I & GIS120: Intro to GIS II | | | | |
| | Option 6 Poli Sci: PLS141 & LSSU (8 cr) | | [POLI110 & 234] | | |
| | | PLS141: American Gov & LSSU's POLI234 | | | |
| <input type="checkbox"/> | | Electives to reach 124 total credits | | 15 | |
| | | <i>Total credits at NCMC</i> | | <i>74</i> | |

Course satisfies MTA gen. ed. req'ments

Courses taken at LSSU's Petoskey Regional Center

| Grade | Course # | Title | Credits |
|--------------------------|----------|--------------------------------------|------------|
| <input type="checkbox"/> | MATH215 | Fundamental Concepts of Math | 3 |
| <input type="checkbox"/> | MATH321 | History of Mathematics | 3 |
| <input type="checkbox"/> | MATH325 | College Geometry | 3 |
| <input type="checkbox"/> | MEDU303 | Teaching with Technology | 3 |
| <input type="checkbox"/> | MEDU403 | Secondary Math Instruct. Methods | 3 |
| <input type="checkbox"/> | TEAC221 | Special Ed & Partner | 3 |
| <input type="checkbox"/> | TEAC222 | Adolescent Development | 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 | 10 |
| | | <i>Total credits at LSSU</i> | <i>50</i> |
| | | <i>Total NCMC & LSSU credits</i> | <i>124</i> |

For more info, please contact:
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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 TEAC480 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.