



# LAKE SUPERIOR STATE UNIVERSITY

## B.S. Mathematics Secondary Teaching (EX endorsement)

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_ Edu. Advisor \_\_\_\_\_  
 Expected Date of Graduation \_\_\_\_\_ Chair Approval \_\_\_\_\_ Edu. Approval \_\_\_\_\_

*Enter semester (e.g. F14) and grade (e.g. B) for each class at LSSU, for transfer credits enter BOTH: 'TR' and the grade. The Certification GPA for the CHEM major and PES will include all grades from all institutions.*

### Secondary Math Major

[min. grade=C, min. GPA=2.70, credit=42]

	Grade/Sem.
MATH151 Calculus I 4	_____
MATH152 Calculus II 4	_____
MATH207 Prin Statistical Methods 3	_____
MATH215 Fund Concepts of Math 3	_____
MATH216 Discrete Math Prob Solv 3	_____
MATH251 Calculus III 4	_____
MATH305 Linear Algebra 3	_____
MATH310 Differential Equations 3	_____
MATH321 History of Math 3	_____
MATH325 College Geometry 3	_____
MATH341 Abstract Algebra 3	_____
MATH401 Mathematical Model 3	_____

*Complete one methods course from following two:*

EDUC442 Second Math Methods 3	_____
EDUC452 Dir St Math Methods 3	_____

### Cognate

CSCII05 Intro to Computer Prog 3	_____
or	
CSCII21 Prin of Computer Prog 3	_____

### General Education Requirements (36-42)

Check if MACRAO or GE-Cert completed

ENGL110 First year composition I 3	_____
ENGL111 First year composition II 3	_____
Communication (COMM101 rec) 3	_____
Humanities elective 3-4	_____
Humanities elective 3-4	_____
Social Science elective 3-4	_____
Social Science elective 3-4	_____
*Diversity elec 3-4 (e.g. EDUC250)	_____
*Natural Sci elect 4 (e.g. CHEM115)	_____
*Natural Sci elect 4 (e.g. PHYS221)	_____
*Math elec 3-5 (e.g. MATH151)	_____

### Professional Education Sequence [PES]

[min. grade = B- incl. transfer; max cr = 35]

EDUC250 Student Div. & Schools 4	_____
<i>Must be Admit. to Ed. Prior to 301. - Date of admission:</i>	
EDUC301 Educ Psych Learning Theory 3	_____
EDUC350 Integrating Tech Learning 3	_____
EDSE301 Intro to Special Education 3	_____
EDUC415 Gen Instructional Methods 2	_____
EDUC 440 Reading Content Area 3	_____
<i>Complete one methods course from following two:</i>	
*EDUC443 Science Methods Secon. 3	_____
*EDUC453 Ind Study Sci Methods 3	_____
EDUC460 Classroom Management 2	_____
<i>Admission to Student Teaching required for following:</i>	
EDUC480 Directed Teaching: Seminar 2	_____
EDUC492 Directed Teaching 10	_____

### Education Cognates (3 credits)

*MATH207 Princ Statistical Method 3	_____
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### An approved Teaching Minor is required

Attach separate audit sheet. [min GPA=2.70, min grade=C]

List minor name and minor GPA:

\_\_\_\_\_

### Graduation Criteria include:

- Residency: 50% of 300/400 courses earned at LSSU
- Total credits in excess of 124, one teachable minor is required – e.g. chemistry, computer science, not math
- GPA OVERALL & in major, minimum of 2.70 (B-)
- No courses in major below a "C" (2.00)
- No education course below "B-" (2.70) in PES

Courses from minor, cognates or general education may be used to fulfill requirements of major, minors or PES.

**Certification requires a passing grade on the MTTC Secondary Math exam (test #022)**

Education \_\_\_\_\_ signed copy for Educ. Cert. file

Office use: Dean \_\_\_\_\_