

# Lake Superior State University—Articulation Agreement

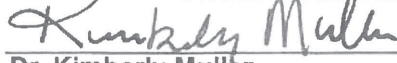
## North Central Michigan College

Transfer Major: B.S. Mathematics: Secondary Teaching (EX endorsement)


<b>Contacts:</b>	Academic Advising North Central Community College advisors@ncmich.edu NCMC Admissions (888) 298-6605 Carolyn Ramsdell, Coordinator of LSSU Regional Center	<b>Valid:</b>	Fall 2020 through Fall 2023
	Lake Superior State University (231) 348-6623 or cramsdell@lssu.edu LSSU Admissions (888) 800-5778 x:2231		

NCMC Courses	LSSU Equivalency	Additional LSSU Courses
<b>Michigan Transfer Agreement (MTA)</b>	<b>STUDENTS EARN MTA AT NCMC</b>	<ul style="list-style-type: none"> <li>• Professional Education Sequence courses require min. B- grade, including transfer credits</li> <li>• An approved teaching minor is recommended, but not required</li> <li>• Secondary Math Major courses require min. C grade; overall min. GPA 2.70</li> <li>• Certification requires a passing grade on the MTTC Secondary Math exam (test #022)</li> </ul>
ENG101 English Composition I 3	ENGL110 First-Year Composition I 3	
STAT200 Statistics 3	MATH207 Princ Stat Methods 3	
Communication 3	Communication 3	
Humanities 6	Humanities 6	
Natural Sciences 8	Natural Sciences 8	
Social Sciences 6	Social Sciences 6	
<b>EDUCATION COGNATE</b>	<b>EDUCATION COGNATE</b>	
SD125 First Year Experience 3	EDUC101 Self as Learner 2+1	
STAT200 From above MTA	MATH207 From above MTA	
<b>SECONDARY MATH MAJOR</b>	<b>SECONDARY MATH MAJOR</b>	<b>PROFESSIONAL EDUCATION SEQUENCE</b>
MATH150 Analytic Geo & Calc I 5	MATH151 Calculus I 4+1	EDUC250 Student Diversity & Schools 4
MATH210 Analytic Geo & Calc II 5	MATH152 Calculus II 4+1	EDUC301 Educ Psych Learning Theory 3
MATH215 Analytic Geo & Calc III 4	MATH251 Calculus III 4	<i>Admission to Teacher Ed req'd for following:</i>
MATH225 Differential Equations 3	MATH310 Differential Equations 3	EDSE301 Intro to Special Education 4
MATH235 Linear Algebra 3	MATH305 Linear Algebra 3	EDUC350 Integrating Tech Learning 3
STAT200 From above MTA	MATH207 From above MTA	EDUC415 Gen Instructional Methods 2
<b>COGNATE</b>	<b>COGNATE</b>	EDUC440 Reading Content Area 3
CIS106 Intro to .NET Programming 3	CSCI 105 Intro to Computer Prog 3	EDUC442 or EDUC452 3
or CIS115 C++ Programming I		EDUC460 Classroom Management 2
<b>ELECTIVES</b> 15	<b>ELECTIVES</b> 15	<i>Admission to Student Ed req'd for following:</i>
		EDUC480 Directed Teaching: Sem 2
		EDUC492 Directed Teaching 10
		<b>SECONDARY MATH MAJOR</b>
		MATH215 Fund Concepts of Math 3
		MATH216 Discrete Math Prob Solv 3
		MATH321 History of Math 3
		MATH325 College Geometry 3
		MATH341 Abstract Algebra 3
		MATH401 Mathematical Model 3
		EDUC442 or 452 From Prof Ed Sequence
<b>TOTAL NCMC CREDITS</b> 70		<b>LSSU CREDITS</b> 54
		<b>TOTAL CREDITS</b> 124

If NCMC's SD125/s taken, sub/waiver form must be written for LSSU's EDUC101; consultation with an advisor is recommended.

 6/30/20  
 Dr. Kimberly Muller (Date)  
 LSSU Dean of the College of Innovation & Solutions

 7/1/2020  
 Dr. Lynn Gillette (Date)  
 LSSU Provost & VP of Academic Affairs

 7/27/20  
 Dr. Sara Glasgow (Date)  
 NCMC Dean of Liberal Arts

 7/27/20  
 Dr. Peter Olson (Date)  
 NCMC VP of Academic Affairs