

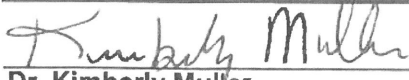
Lake Superior State University—Articulation Agreement

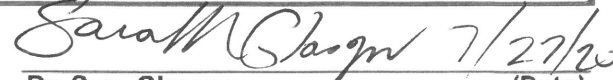
North Central Michigan College

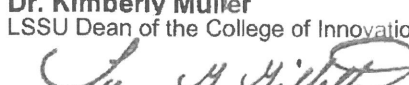
Transfer Major: B.S. Mathematics: Elementary Teaching

Contacts:	Academic Advising North Central Community College advisors@ncmich.edu NCMC Admissions (888) 298-6605 Carolyn Ramsdell, Coordinator of LSSU Regional Center	Valid: 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	
Michigan Transfer Agreement (MTA)	STUDENTS EARN MTA AT NCMC	<ul style="list-style-type: none"> • Elementary Planned Program courses require min. C grade; overall min. GPA 2.70 • Professional Education Sequence courses require min. B- grade, including transfer credits • Admission to Teacher Education required for LSSU's Professional Education Sequence courses • Admission to Student Teaching required for EDUC480 and 492 	
BIO101 Intro to Biology 4	BIOL104 Survey General Biology 4		
ENG101 English Composition I 3	ENGL110 First-Year Composition I 3		
ENG130 Intro to Literature 3	ENGL180 Intro Literary Studies 3		
HST131 History U.S. until 1877 3	HIST131 US History I 3	<ul style="list-style-type: none"> • Admission to Teacher Education required for LSSU's Professional Education Sequence courses • Admission to Student Teaching required for EDUC480 and 492 	
PHY210 General Physics 5	NSCI101 Conceptual Physics 4+1		
PLS141 Intro to American Gov't 3	POLI110 American Government 3		
STAT200 Statistics 3	MATH207 Princ Stat Methods 3		
Communication 3	Communication 3	<ul style="list-style-type: none"> • Admission to Student Teaching required for EDUC480 and 492 	
Social Sciences 3	Social Sciences 3		
ELEMENTARY PLANNED PROGRAM	ELEMENTARY PLANNED PROGRAM		ELEMENTARY PLANNED PROGRAM
BIO101 From above MTA	BIOL104 From above MTA		CHLD225 Emergent Literacy 3
ENG130 From above MTA	ENGL180 From above MTA	ENGL222 English Grammar 3	
ENG240 Intro to Children's Lit 3	ENGL335 Children's Literature 3	GEOG201 World Regional Geog 4	
HST131 From above MTA	HIST131 From above MTA	NSCI102 Intro Geology 4	
HST270 Michigan History 3	HIST321 Michigan History 2+1	PROFESSIONAL EDUCATION SEQUENCE	
MATH125 Math Elem Teachers I 3	MATH103 Num Syst & Problem Solv 3	EDSE301 Intro to Special Education 3	
& MATH126 Math Elem Teachers II 3	MATH104 Geometry & Measurement 3	EDUC250 Student Diversity & Schools 4	
PLS141 From above MTA	POLI110 From above MTA	EDUC301 Ed Psych Learning Theory 3	
STAT200 From above MTA	MATH207 From above MTA	EDUC330 Reading Elem Classroom 3	
PROFESSIONAL EDUCATION SEQUENCE	PROFESSIONAL EDUCATION SEQUENCE	EDUC350 Integrating Technology 3	
SD125 First Year Experience 3	EDUC101 Self as Learner 2+1	EDUC410 Corrective Reading 3	
Con't on Page 2	Con't on Page 2	EDUC415 Gen Instructional Methods 2	
		EDUC411 Elem Lang Arts Methods 2	
		EDUC420 Elem Math Methods 2	
		EDUC421 Elem Science Methods 2	
		EDUC422 Elem Meth Social Studies 2	
		EDUC423 Arts Methods 2	
		EDUC424 Health/Phys Ed Methods 2	
		EDUC460 Classroom Management 2	
		EDUC480 Directed Teaching: Sem 2	
		EDUC492 Directed Teaching 10	
		Con't on Page 2	

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

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

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

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

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NCMC Courses	LSSU Equivalency	Additional LSSU Courses
MATHEMATICS MAJOR CIS106 Intro to .NET Programming 3 or CIS115 C++ Programming I CIS111 Web Development I 3 MATH125 Math Elem Teachers I & MATH126 Math Elem Teachers II MATH150 Analytic Geo & Calc I 5 MATH210 Analytic Geo & Calc II 5 STAT200 From above MTA MATH235 Linear Algebra 3	MATHEMATICS MAJOR CSC1105 Intro to Computer Program 3 CSC1106 Web Page Design & Dev 3 MATH103 From above Elem Plan Prog MATH104 From above Elem Plan Prog MATH151 Calculus I 4+1 MATH152 Calculus II 4+1 MATH207 From above MTA MATH305 Linear Algebra 3	MATHEMATICS MAJOR MATH215 Fund Concepts of Math 3 MATH321 History of Mathematics 3 MATH325 College Geometry 3 EDUC420 From above Professional Ed Seq • Mathematics Major courses require min. C grade; overall min. GPA 2.7
TOTAL NCMC CREDITS 64		LSSU CREDITS 70
		TOTAL CREDITS 134

If NCMC's SD125 is taken, sub/waiver form must be written for LSSU's EDUC101.
 If NCMC's PHY210 is taken, sub/waiver form must be written for LSSU's NSCI101; consultation with an advisor is recommended.

- Certification requires a passing grade on the MTTC Elementary Education exam (test #103)
- Mathematics Endorsement (EX) requires a passing grade on the MTTC (Mathematics (Elementary) exam (test #089)