

Lake Superior State University—Articulation Agreement

North Central Michigan College

Transfer Major: Bachelor of Science-Mathematics: Secondary Teaching (5-9)

Contacts: Academic Advising
North Central Community College
advising@ncmich.edu
NCMC Admissions (888) 298-6605
Heidi Rife, LSSU Regional Centers Director
Lake Superior State University
(906) 217.4123 or hrife@lssu.edu
LSSU Admissions (888) 800-5778 x:2231

Valid: Fall 2025 through Fall 2028

NCMC Courses		LSSU Equivalency		Additional LSSU Courses	
Michigan Transfer Agreement (MTA)		Students earn MTA at NCMC		<ul style="list-style-type: none"> • Overall min. GPA 2.70 • Teaching courses require min. B- grade, including transfer credits • Admission to Teacher Education required for LSSU's Education courses • Admission to Student Teaching required for TEAC480 & 492 • Certification requires a passing grade on the MTTC 5-9 Exam • Min. 2.70 GPA and min. C grade in Math major courses • Some upper level coursework is only offered on alternating years 	
ENG111	English Comp I 3	ENGL110	First-Year Composition I 3		
	Communication Elective 3		Communication Elective 3		
MATH150	Analytical Geo & Cal I 5	MATH151	Calculus I 4+1		
PHY210	General Physics I 5	PHYS221	Principles of Physics I 4+1		
	or PHY230 Physics for Scientists & Eng I		or PHYS231 Appl Phys Eng/Scientist I		
	Social & Behavior Science 6-7		Social & Behavior Science 6-7		
	Humanities 6-7		Humanities 6-7		
	Natural Science 4-5		Natural Science 4-5		
<i>Note: Gen ed courses may be selected from STEM & Modeling Cognate options</i>					
SECONDARY MATH MAJOR		SECONDARY MATH MAJOR		SECONDARY MATH MAJOR	
MATH150	(From above MTA)	MATH151	(From above MTA)	MEDU303	Teaching with Technology 3
MATH210	Analytical Geo & Cal II 5	MATH152	Calculus II 4+1	MEDU403	Secondary Math Instruct Mthds 3
STAT200	Statistics 3	MATH207	Prin. Statistical Methods 3	MATH215	Fund. Concepts of Math 3
				MATH321	History of Math 3
				MATH325	College Geometry 3
COGNATE		COGNATE		STEM & MODELING COGNATE	
CIS104	Intro to Program Logic* 3	CSCI105	Intro to Comp Prog* 3	Option 3 Data Science: CSCI115 & 265 (6 cr)	
CIS115	C++ Programming I* 4	CSCI121	Princ of Comp Prog* 4		
<i>*Sub/waiver form will be written for NCMC's CIS104 & CIS115 to sub in for CIS105 & CSCI121</i>					
STEM & MODELING COGNATE (12-18 cr)		STEM & MODELING COGNATE (12-18 cr)		PROFESSIONAL EDUCATION SEQ.	
Select 1 option from the following:		Select 2 options from the following:		TEAC221	Special Ed & Partner 3
Option 1 Biology: BIO151 & 152 (8 cr)		Option 1 Biology: BIOL131 & 132 (8 cr)		TEAC222	Adolescent Development 3
Option 2 Chemistry: CEM121 & 122 (10 cr)		Option 2 Chemistry: CHEM115 & 116 (10 cr)		TEAC343	3-6 Operations 3
Option 3 Data Science (LSSU only)		Option 3 Data Science (see 3rd column)		TEAC355	Gen Methods for Adolenc 4
Option 4 Economics: ECO111 & 112 (6 cr)		Option 4 Economics: ECON201 & 202 (6 cr)		TEAC423	Partner & Classroom Mgmt 3
Option 5 GIS: GIS110 & 120 (6 cr)		Option 5 GIS: EVRN131 & 225 (6 cr)		TEAC444	3-6 Frac, Dec & Operations 3
Option 6 Poli Sci: PLS141 & LSSU's POLI234 (8 cr)		Option 6 Poli Sci: POLI110 & 234		TEAC453	3-6 Math & Science Methods 4
				TEAC480	Directed Teaching Seminar 2
				TEAC492	Directed Teaching 10
PROFESSIONAL EDUCATION SEQ.		PROFESSIONAL EDUCATION SEQ.			
ED101	Intro to Education 3	TEAC101	Becoming a Teacher 2+1		
ED201	Diversity, Equity, & Inclusion 3	TEAC120	Diversity 3		
MINOR OR ELECTIVES TO REACH MIN. 124 TOTAL CREDITS				Minor or Electives to reach min. 124 total cr	
Approx. NCMC Credits 66-74				Approx. LSSU Credits 50-58	
				TOTAL CREDITS Min. 124	

Consultation with an advisor is recommended.

Mindy McCready 2/13/2025
Ms. Mindy McCready (Date)
LSSU Interim Dean of the College of Business, Engineering, Computer Sci & Math
Kimberly Muller 2/14/2025
Dr. Kimberly Muller (Date)
LSSU Provost & VP of Academic Affairs

Sara Glasgow 2/18/25
Dr. Sara Glasgow (Date)
NCMC Dean of Arts & Sciences
Stephen Strom 2/18/25
Dr. Stephen Strom (Date)
NCMC Dean of Liberal Arts