

Lake Superior State University—Articulation Agreement

North Central Michigan College

Transfer Major: Bachelor of Science-Geology

Contacts:	Academic Advising North Central Michigan College advising@ncmich.edu NCMC Admissions 888/298.6605	Valid:	Fall 2025-2028	
	Heidi Rife, LSSU Regional Centers Director Lake Superior State University 906/217.4123 or hrife@lssu.edu LSSU Admissions 888/800.5778 x:2231			
NCMC Courses		LSSU Equivalency		
Michigan Transfer Agreement (MTA)		STUDENTS EARN MTA AT NCMC		
ENG111 English Composition I	3	ENGL110 First-Year Composition I	3	
XXXXxx Comm Elective	3	XXXXxxx Communication Elective	3	
MATH130 College Algebra	4	MATH111 College Algebra	3+1	
CEM121 Principles of Chemistry	5	CHEM115 General Chemistry I	5	
PHY210 General Physics I	5	PHYS221 Principles of Physics I	4+1	
XXXXxx Social Science	6	XXXXxxx Social & Behavioral Science	6	
XXXXxx Humanities	6	XXXXxxx Humanities	6	
REQUIREMENTS		REQUIREMENTS		
CEM121 (From above MTA)		CHEM115 (From above MTA)		
ESC121 Physical Geology	4	GEOL121 Physical Geology	4	
GIS110 Intro to Geog Info Systems I	3	EVRN131 Intro to GIS	3	
MATH130 (From above MTA)		MATH111 (From above MTA)		
MATH150 Analytic Geo & Calc I or LSSU's MATH112	5	MATH151 Calculus I or MATH112 Calc for Bus & Life Sci	4+1	
STAT200 Statistics or LSSU's MATH308, BUSN211, or BIOL280	3	MATH207 Princ of Statistical Methods or MATH308 or BUSN211 or BIOL280	3	
PHY210 (From above MTA) or PHY230 Physics for Scientists & Eng I		PHYS221 (From above MTA) or PHYS231 Applied Physics I		
Select 1 Course (4-5 cr)	5	Select 1 Course (4-5 cr)	5	
CEM122 Principles of Chemistry II (5 cr)		CHEM116 General Chemistry II (5 cr)		
PHY211 General Physics II (5 cr)		PHYS222 Principles of Physics II (4+1 cr)		
PHY231 Physics Scientists & Eng (5 cr)		PHYS232 App Ply Engineer Sci II (4+1 cr)		
ELECTIVES	23	ELECTIVES	23	
Elective courses are recommended to be taken at LSSU to maintain a full-time status after transferring.				
Note: Students will earn NCMC's Associate in Science upon successful completion of the courses listed in blue, an additional communication course, and approved electives to reach 60 credits. Consult with a NCMC advisor.				
TOTAL NCMC CREDITS	75	LSSU CREDITS	49	
			Min. 124	
Consultation with an advisor is recommended.				

Steven Johnson

Nov 19, 2025

Dr. Steven Johnson (Date)
LSSU Dean for the College of Arts & Sciences

Kimberly Muller 11/18/25
Dr. Kimberly Muller (Date)
LSSU Provost & VP for Academic Affairs

Sara Glasgow

Sara Glasgow (Nov 19, 2025 09:51:00 EST)

Dr. Sara Glasgow (Date)
NCMC Dean of Arts & Sciences

Stephen Strom

Dec 2, 2025
Dr. Stephen Strom (Date)
NCMC VP of Academic Affairs