

Lake Superior State University—Articulation Agreement

North Central Michigan College

Transfer Major: Bachelor of Science-Geology, Water & Climate Concentration

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	Additional LSSU Courses
Michigan Transfer Agreement (MTA)		STUDENTS EARN MTA AT NCMC	
ENG111 English Composition I XXXXxx Comm Elective MATH130 College Algebra CEM121 Principles of Chemistry PHY210 General Physics I XXXXxx Social Science XXXXxx Humanities	3 3 4 5 5 6 6	ENGL110 First-Year Composition I XXXXxx Communication Elective MATH111 College Algebra CHEM115 General Chemistry I PHYS221 Principles of Physics I XXXXxx Social & Behavioral Science XXXXxx Humanities	3 3 3+1 5 4+1 6 6
REQUIREMENTS		REQUIREMENTS	REQUIREMENTS
CEM121 (From above MTA) GIS110 Intro to Geog Info Systems I ESC121 Physical Geology ESC150 Weather & Climate MATH130 (From above MTA) MATH150 Analytic Geo & Calc I or LSSU's MATH112 STAT200 Statistics or LSSU's MATH308, BUSN211, or BIOL280 PHY210 (From above MTA) or PHY230 Physics for Scientists & Eng I Select 1 Course (4-5 cr)	3 3 4 4 4 5 5 3 3 3 5	CHEM115 (From above MTA) EVRN131 Intro to GIS GEOL121 Physical Geology GEOG108 Meteorology & Climatology MATH111 (From above MTA) MATH151 Calculus I or MATH112 Calc for Bus & Life Sci MATH207 Princ of Statistical Methods or MATH308 or BUSN211 or BIOL280 PHYS221 (From above MTA) or PHYS231 Applied Physics I Select 1 Course (4-5 cr)	3 3 4 4 4 4+1 4+1 3 3 3 5
CEM122 Principles of Chemistry II (5 cr) PHY211 General Physics II (5 cr) PHY231 Physics Scientists & Eng (5 cr)		CHEM116 General Chemistry II (5 cr) PHYS222 Principles of Physics II (4+1 cr) PHYS232 App Ply Engineer Sci II (4+1 cr)	
DISTRIBUTED ELECTIVES		DISTRIBUTED ELECTIVES	DISTRIBUTED ELECTIVES
Min. 10 credits required from NCMC &/or LSSU GIS120 or LSSU courses	3	Min. 10 credits required from NCMC &/or LSSU EVRN225 or LSSU courses	7
ELECTIVES	11	ELECTIVES	11
Elective courses are recommended to be taken at LSSU to maintain a full-time status after transferring.			
<p>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.</p>			
TOTAL NCMC CREDITS	70	LSSU CREDITS	54
		TOTAL CREDITS	Min. 124

Consultation with an advisor is recommended.

Steven Johnson

Nov 19, 2025

Sara Glasgow

Nov 19, 2025

Dr. Steven Johnson

(Date)

Dr. Sara Glasgow

(Date)

LSSU Dean for the College of Arts & Sciences

NCMC Dean of Arts & Sciences

Kimberly Muller

11/18/25

Stephen Strom

(Date)

Dr. Kimberly Muller

(Date)

NCMC VP of Academic Affairs

(Date)