

# Lake Superior State University—Articulation Agreement

## North Central Michigan College

Transfer Major: Bachelor of Science-Environmental Science

<b>Contacts:</b>	Academic Advising North Central Michigan College advising@ncmich.edu NCMC Admissions 888/298.6605	<b>Valid:</b>	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		
<b>Michigan Transfer Agreement (MTA)</b>			<b>STUDENTS EARN MTA AT NCMC</b>					
ENG111	English Composition I	3	ENGL110	First-Year Composition I	3			
XXXxxx	Comm Elective (Rec: ENG112)	3	XXXXxxx	Communication Elective	3			
STAT200	Statistics	3	MATH207	Princ of Statistical Methods	3			
BIO151	General Biology I	4	BIOL131	General Biology: Cells	4			
CEM121	Principles of Chemistry	5	CHEM115	General Chemistry I	5			
XXXXxxx	Social Science	3	XXXXxxx	Social & Behavioral Science	3			
XXXXxxx	Social Sci (Rec: SOC175)	3	XXXXxxx	Social & Behavioral Science	3			
XXXXxxx	Humanities	6	XXXXxxx	Humanities	6			
<b>REQUIREMENTS</b>			<b>REQUIREMENTS</b>			<b>REQUIREMENTS</b>		
BIO151	(From above MTA)		BIOL131	(From above MTA)		BIOL337	General Ecology	3
BIO152	General Biology II	4	BIOL132	General Biology: Organisms	4	EVRN199	(Waived for transfer students)	
CEM121	(From above MTA)		CHEM115	(From above MTA)		EVRN211	Field Data Methods	1
CEM122	Principles of Chemistry II	5	CHEM116	General Chemistry II	5	EVRN311	Environmental Law	3
ESC150	Weather & Climate -or- GEO111	4	GEOG108	Phys Geog: Meterology/Clim	4	EVRN315	Human Impacts on Env.	4
	or LSSU's NSCI116		NSCI116	Intro to Oceanography		EVRN317	Env. Health Apps	4
ESC121	Physical Geology	4	GEOL121	Physical Geology	4	EVRN341	Fate & Transport in the Env.	4
GIS110	Intro to Geo Info Systems I	3	EVRN131	Intro to GIS/GPS	3	EVRN389	Env. Research Methods	1
GIS120	Intro to Geo Info Systems II	3	EVRN225	Intermediate GIS	3	EVRN435	Environmental Systems	3
MATH150	Analytic Geo/Calc I	5	MATH151	Calculus	4+1	EVRN475	Climate: Past and Present	2
	or LSSU's MATH112			or MATH112 Cal Bus/Life Science		GEOL122	Earth History	4
STAT200	(From above MTA)		MATH207	(From above MTA)		GEOL334	Hydrologic Sys: Sur/Grd Water	4
	or LSSU's BUSN211 or BIOL280			or BUSN211 Bus Stats or BIOL280 Biostats			or NRES286 Principles of Watersheds (3 cr)	
<b>MATH OR SCIENCE ELECTIVES</b>			<b>MATH OR SCIENCE ELECTIVES</b>			Select one of the following:		
MATH210	or any add'l BIO, CEM, GIS, ESC,		MATH152	or any add'l BIOL, CHEM, EVRN, GEOL,		GEOL223	Earth Materials	
MATH, ENVS, or PHY 200 level or higher			MATH, MICRO, NRES, or PHYS 200 level or higher			or NRES230 Intro to Soil Science		
ENVS255	Paradigms in Sustainability (3 cr)		NRES277	Electives (sub for NSCI103)		or CHEM236	Chemistry of Soil	
GEO121	(4 cr) or GEO131 (3 cr)		GEOG201	World Regional Geography		<b>MATH OR SCIENCE ELECTIVES</b>		
<b>ELECTIVES</b>			<b>ELECTIVES</b>			8		
14			14			MATH152 or any additional BIOL, CHEM, EVRN,		
Elective courses are recommended to be taken at LSSU to maintain a full-time status after transferring.						GEOL, MATH, MICRO, NRES, or PHYS 200 level		
Note: Students will earn NCMC's A.S. Environmental & Sustainability Studies upon successful completion of the courses listed in blue, ECO220, ENVS265, PHL101 or 105, and an additional COM elective. Consult with a NCMC advisor.						or higher		
<b>TOTAL NCMC CREDITS</b>						<b>LSSU CREDITS</b>		
79						45		
						<b>Min.</b>		
						124		
						<b>TOTAL CREDITS</b>		

Consultation with an advisor is recommended. Subwaiver form written for NCM's ENVS255 to transfer as NSCI103.

Steven Johnson

Nov 19, 2025

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

(Date)

Kimberly Muller

11/18/25

Dr. Kimberly Muller  
LSSU Provost & VP for Academic Affairs

(Date)

Sara Glasgow

Sara Glasgow (Nov 19, 2025 09:22:24 EST)

Dr. Sara Glasgow  
NCMC Dean of Arts & Sciences

Nov 19, 2025

(Date)

Stephen Strom

Dec 2, 2025

Dr. Stephen Strom  
NCMC VP of Academic Affairs

(Date)