

# Lake Superior State University - Articulation Agreement

## North Central Michigan College (NCMC)

<b>Transfer Major:</b>	Bachelor of Science Degree - Biology, Pre-Veterinary Concentration		
<b>Contacts:</b>	Academic Advising, NCMC advising@ncmich.edu NCMC Admissions (888) 298-6605		Heidi Rife, LSSU Regional Center Dir. (906) 217-4123 or hrife@lssu.edu LSSU Admissions (906) 635-2231
<b>Based on:</b>	2025-2026 Catalog		2025-2026 Catalog
<b>Valid for:</b>	Fall 2026-Fall 2029		
<b>NCMC Courses</b>	<b>LSSU Equivalency</b>		<b>Additional LSSU Courses</b>
Michigan Transfer Agreement (MTA)	Students earn MTA at NCMC		
ENG111 English Comp I 3	ENGL110 First-Year Composition I 3		
COM Composition Elective 3	XXXXxx Communication Elective 3		
MATH130 College Algebra 4	MATH111 College Algebra 3+1		
BIO151 General Biology I 4	BIOL131 General Biology: Cells 4		
CEM121 Principles of Chemistry I 5	CHEM115 General Chemistry I 5		
XXXXxx Humanities 6	XXXXxx Humanities 6		
XXXXxx Social Sciences 6	XXXXxx Social & Behavioral Science 6		
<b>Requirements</b>	<b>Requirements</b>		<b>Requirements</b>
BIO151 From above MTA	BIOL131 From above MTA		BIOL199 Waived for Transfer Students
BIO152 General Biology II 4	BIOL132 General Biology: Organisms 4		BIOL220 Genetics 4
BIO226 Microbiology 4	BIOL204 Microbiology 4		BIOL280 Biostatistics 3
<b>Support Courses</b>	<b>Support Courses</b>		<b>Support Courses</b>
CEM121 From above MTA	CHEM115 From above MTA		BIOL337 General Ecology 3
CEM122 Principles of Chemistry II 5	CHEM116 General Chemistry II 5		BIOL399 Planning Research Project 1
CEM 231 Organic Chemistry 5	CHEM225 Organic Chemistry I 4+1		BIOL499 Senior Symposium 1
CEM232 Organic Chemistry II 5	CHEM326 Organic Chemistry II 4+1		<b>Physiology Elective</b> 4
MATH130 From above MTA	MATH111 From above MTA		BIOL330 or BIOL421
PHY210 General Physics I 5	PHYS221 Principles of Physics I 4+1		<b>Taxonomy Elective</b> 3
PHY211 General Physics II 5	PHYS222 Principles of Physics II 4+1		BIOL306, BIOL422, or BIOL425
<b>Electives</b>	<b>Electives</b>		<b>Advanced Study - Select 17 credits</b> 17
ENGL112 English Comp II - 3cr			BIOL 208, 243, 306, 332, 335, 380, 405, 423, 426, 433, 480
Note: Students will earn NCMC's AS Concentration in Biology upon successful completion of courses listed in blue. Consult with a NCMC advisor.			
<b>TOTAL NCMC CREDITS</b>	<b>67</b>		
Consultation with an advisor is recommended		<b>TOTAL LSSU CREDITS</b> 58	
		<b>Min. Total Credits</b> 125	

Steven Johnson

03/02/2

Dr. Steve Johnson

(Date)

LSSU Dean of the College Arts & Sciences

Kimberly Muller

02/03/26

Dr. Kimberly Muller

(Date)

LSSU Provost & VP of Academic Affairs

Dr. Sara Glasgow

03/02/26

Dr. Sara Glasgow

(Date)

NCMC Dean of Arts & Sciences

Stephen Strom

04/02/26

Dr. Stephen Strom

(Date)

NCMC VP of Academic Affairs