

# Lake Superior State University—Articulation Agreement

## North Central Michigan College

Transfer Major: Bachelor of Science-Biochemistry

<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		
<b>NCMC Courses</b>		<b>LSSU Equivalency</b>	<b>Additional LSSU Courses</b>
<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 Communication Elective	3	XXXXxxx Communication Elective	3
STAT200 Statistics	3	MATH207 Princ of Statistical Method	3
BIO151 General Biology I	4	BIOL131 General Biology: Cells	4
CEM121 Principles of Chemistry I	5	CHEM115 General Chemistry I	5
XXXXxx Social Sciences	6	XXXXxxx Social & Behavioral Science	6
XXXXxx Humanities	6	XXXXxxx Humanities	6
<b>REQUIREMENTS</b>		<b>REQUIREMENTS</b>	<b>REQUIREMENTS</b>
BIO151 (From above MTA)		BIOL131 (From above MTA)	
BIO152 General Biology II	4	BIOL132 General Biology: Organisms	4
BIO226 Microbiology	4	BIOL204 Microbiology	4
CEM121 (From above MTA)		CHEM115 (From above MTA)	
CEM122 Principles of Chemistry II	5	CHEM116 General Chemistry II	5
CEM231 Organic Chemistry	5	CHEM225 Organic Chemistry I	4+1
CEM232 Organic Chemistry II	5	CHEM326 Organic Chemistry II	4+1
MATH150 Analytical Geo & Calc I	5	MATH151 Calculus I	4+1
STAT200 (From above MTA)		MATH207 (From above MTA)	
2 Semesters of Physics	8	2 Semesters of Physics	8
<b>ELECTIVES</b>	14	<b>ELECTIVES</b>	14
Electives are recommended to be taken at LSSU to maintain full-time enrollment after transferring.		<b>CHOOSE RESEARCH OR COURSE OPTION</b>	
Note: Students will earn NCMC's AS Concentration in Biology upon successful completion of the courses listed in blue and ENG112. Consult with a NCMC advisor.		11	
For American Chemical Society Certification, complete CHEM495 from LSSU. Consult with LSSU's Department Chair for additional requirements.		Research Option	
		CHEM395 Junior Seminar (1 cr)	
		CHEM49x Senior Research (2 cr)	
		CHEM499 Senior Seminar (1 cr)	
		BIOL3XX or Higher (7 cr)	
		Course Option	
		BIOL3XX or Higher (11 cr, min. 3 cr of BIOL4XX)	
<b>TOTAL NCMC CREDITS</b>	80	<b>LSSU CREDITS</b>	44
			Min.
		<b>TOTAL CREDITS</b>	124

Consultation with an advisor is recommended.

*Steven Johnson*

Nov 19, 2025

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

(Date)

*Kimberly Muller*

Nov 19, 2025

**Dr. Kimberly Muller**  
LSSU Provost & VP for Academic Affairs

(Date)

*Sara Glasgow*

Sara Glasgow (Dec 3, 2025 09:04:20 EST)

**Dr. Sara Glasgow**  
NCMC Dean of Arts & Sciences

Dec 3, 2025

(Date)

*Stephen Strom*

Dec 3, 2025

**Dr. Stephen Strom**  
NCMC VP of Academic Affairs

(Date)