

# Lake Superior State University - Articulation Agreement

## North Central Michigan College (NCMC)

<b>Transfer Major:</b>	<b>Bachelor of Science Degree - Biology, Animal Biology Concentration</b>	
<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>
<b>Michigan Transfer Agreement (MTA)</b> ENG111 English Comp I 3 COM Composition Elective 3 MATH130 College Algebra 4 BIO151 General Biology I 4 CEM121 Principles of Chemistry I 5 XXXxxx Social Sciences 6 XXXxxx Humanities 6  <b>Requirements</b> BIO151 From above MTA BIO152 General Biology II 4 BIO226 Microbiology 4  <b>Support Courses</b> CEM121 From above MTA CEM122 Principles of Chemistry II 5 CEM231 Organic Chemistry 5 or LSSU's CHEM208 MATH130 From above MTA  <b>Electives</b> 14 ENG112 English Comp II -3 cr CEM232 Organic Chemistry II -5 cr	<b>Students earn MTA at NCMC</b> ENGL110 First-Year Composition I 3 XXXxxx Communication Elective 3 MATH111 College Algebra 3+1 BIOL131 General Biology: Cells 4 CHEM115 General Chemistry I 5 XXXxxx Social & Behavioral Science 6 XXXxxx Humanities 6  <b>Requirements</b> BIOL131 From above MTA BIOL132 General Biology: Organisms 4 BIOL204 Microbiology 4  <b>Support Courses</b> CHEM115 From above MTA CHEM116 General Chemistry II 5 CHEM 225 Organic Chemistry I 4+1 or CHEM208 Survey Organic Chem/Biol MATH111 From above MTA  <b>Electives</b> 14	<b>Requirements</b> BIOL199 Waived for Transfer Students BIOL220 Genetics 4 BIOL280 Biostatistics 3 BIOL299 Sophomore Seminar 1 BIOL337 General Ecology 3 BIOL399 Planning Research Project 1 BIOL499 Senior Symposium 1  <b>Animal Biology Focal Courses</b> BIOL208 Princ Animal Biology & Hlth 3 BIOL243 Vertebrate Anatomy 4 BIOL330 Animal Physiology 4 BIOL405 Animal Behavior 3 BIOL420 Evolutionary Analysis 3 BIOL335 Princ of Animal Nutrition 3 or BIOL426 Animal Disease & Zoonoses <b>Cognates - Select 12 credits</b> 12 Zoology: NRES240, BIOL302, BIOL303, NRES310, NRES311, NRES312, NRES475; Animal Health: BIOL306, BIOL423, BIOL422, BIOL425, CHEM353 <b>Electives</b> 17 *min. 17 credits at 300/400 level and min. 1 course at 400 level
<b>TOTAL NCMC CREDITS</b> 63		<b>TOTAL LSSU CREDITS</b> 62
Consultation with an advisor is recommended		<b>Min. Total Credits</b> 125

Note: Students will earn NCMC's AS Concentration in Biology upon successful completion of 3 credits of electives and courses listed in blue. Consult with a NCMC advisor.

*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**

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NCMC Dean of Arts & Sciences

*Stephen Strom*

04/02/26

**Dr. Stephen Strom**

(Date)

NCMC VP of Academic Affairs