

Lake Superior State University - Articulation Agreement

North Central Michigan College (NCMC)

Transfer Major:	Bachelor of Science Degree - Biology, Animal Biology Concentration		
Contacts:	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
Based on:	2025-2026 Catalog		2025-2026 Catalog
Valid for:	Fall 2026-Fall 2029		
NCMC Courses	LSSU Equivalency		Additional LSSU Courses
Michigan Transfer Agreement (MTA)	Students earn MTA at NCMC		
ENG111 English Comp I	3	ENGL110 First-Year Composition I	3
COM Composition Elective	3	XXXXxxx 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 Social Sciences	6	XXXXxxx Social & Behavioral Science	6
XXXXxx Humanities	6	XXXXxxx Humanities	6
Requirements	Requirements		Requirements
BIO151 From above MTA		BIOL131 From above MTA	BIOL199 Waived for Transfer Students
BIO152 General Biology II	4	BIOL132 General Biology: Organisms	BIOL220 Genetics 4
BIO226 Microbiology	4	BIOL204 Microbiology	BIOL280 Biostatistics 3
Support Courses	Support Courses		BIOL299 Sophomore Seminar 1
CEM121 From above MTA		CHEM115 From above MTA	BIOL337 General Ecology 3
CEM122 Principles of Chemistry II	5	CHEM116 General Chemistry II	BIOL399 Planning Research Project 1
CEM231 Organic Chemistry or LSSU's CHEM208	5	CHEM 225 Organic Chemistry I	BIOL499 Senior Symposium 1
MATH130 From above MTA		or CHEM208 Survey Organic Chem/Biol	Animal Biology Focal Courses
Electives	14	MATH111 From above MTA	BIOL208 Princ Animal Biology & Hlth 3
ENG112 English Comp II -3 cr		Electives	BIOL243 Vertebrate Anatomy 4
CEM232 Organic Chemistry II -5 cr			BIOL330 Animal Physiology 4
			BIOL405 Animal Behavior 3
			BIOL420 Evolutionary Analysis 3
			BIOL335 Princ of Animal Nutrition 3
			or BIOL426 Animal Disease & Zoonoses
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.			Cognates - Select 12 credits 12
			Zoology: NRES240, BIOL302, BIOL303, NRES310, NRES311, NRES312, NRES475; Animal Health: BIOL306, BIOL423, BIOL422, BIOL425, CHEM353
TOTAL NCMC CREDITS	63	Electives	17
			*min. 17 credits at 300/400 level and min. 1 course at 400 level
Consultation with an advisor is recommended		TOTAL LSSU CREDITS	62
		Min. Total Credits	125

Steven Johnson

03/02/22

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

Stephanie Strom

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Dr. Stephen Strom

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NCMC VP of Academic Affairs