

Lake Superior State University - Articulation Agreement

North Central Michigan College (NCMC)

Transfer Major:	Bachelor of Science Degree - Biology	
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) 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 Requirements BIO151 From above MTA BIO152 General Biology II 4 Biology Cognates 4 BIO101, 133, 235, 236, 295, 297, 299 Support Courses CEM121 From above MTA CEM122 Principles of Chemistry II 5 CEM231 Organic Chemistry 5 or LSSU's CHEM208 BIO226 Microbiology 4 MATH130 From above MTA Physical Science Electives 5 CEM232 Organic Chemistry II (5 cr) or CEM212, ESC1212 or 122, or PHY210 or 230 Electives 21 BIO 223, 235,236,295,296,297,299 <div style="border: 1px solid black; padding: 5px;"> Note: Students will earn NCMC's AS Concentration in Biology upon successful completion of ENG112, 3 credits of electives, and courses listed in blue. Consult with a NCMC advisor. </div>	Students earn MTA at NCMC ENGL110 First-Year Composition I 3 XXXXxxx Communication Elective 3 MATH111 College Algebra 3+1 BIOL131 General Biology: Cells 4 CHEM115 General Chemistry I 5 XXXXxxx Social & Behavioral Science 6 XXXXxxx Humanities 6 Requirements BIOL131 From above MTA BIOL132 General Biology: Organisms 4 Biology Cognates 4 BIOL104, 105, 121, 122, 277, 277, 277 Support Courses CHEM115 From above MTA CHEM116 General Chemistry II 5 CHEM225 Organic Chemistry I 4+1 or CHEM208 Survey Organic Chem/Biol BIOL204 Microbiology 4 MATH111 From above MTA Physical Science Electives 5 CHEM326 Organic Chemistry II & CHEM377 or CHEM231, GEOL121 or 122, or PHYS 221/277 or 231/277 Electives 21 BIOL302, 121, 122, 277, 277, 277	Requirements BIOL220 Genetics 4 BIOL280 Biostatistics 3 BIOL337 General Ecology 3 BIOL199 Waived for Transfer Students BIOL299 Sophmore Seminar 1 BIOL399 Planning Research Project 1 BIOL499 Senior Symposium 1 Physiology Elective 4 BIOL315, 330, 421 Taxonomy Elective 3 BIOL315, 303, 421, 202, 302, 303, 306, 422, 425; NRES310, 311, 312, 475 Biology Cognates 17 *min. 17 credits at 300/400 level and min. 1 course at 400 level Support Courses MATH112 Calc for Business/Life Sci 4
TOTAL NCMC CREDITS	79	TOTAL LSSU CREDITS
Consultation with an advisor is recommended		45
		Min. Total Credits
		124

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