

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)	Students earn MTA at NCMC ENG111 English Comp I 3 ENGL110 First-Year Composition I 3 BIOL220 Genetics 4 COM Composition Elective 3 XXXXXXX Communication Elective 3 BIOL280 Biostatistics 3 MATH130 College Algebra 4 MATH111 College Algebra 3+1 BIOL337 General Ecology 3 BIO151 General Biology I 4 BIOL131 General Biology: Cells 4 BIOL199 Waived for Transfer Students CEM121 Principles of Chemistry I 5 CHEM115 General Chemistry I 5 BIOL299 Sophomore Seminar 1 XXXXXX Social Sciences 6 XXXXXXX Social & Behavioral Science 6 BIOL399 Planning Research Project 1 XXXXXX Humanities 6 XXXXXX Humanities 6 BIOL499 Senior Symposium 1 Physiology Elective 4 BIOL315, 330, 421 4		
Requirements	Requirements BIO151 From above MTA BIOL131 From above MTA BIO152 General Biology II 4 BIOL132 General Biology: Organisms 4 BIOL315, 303, 421, 202, 302, 303, 306, 422, 425; NRES310, 311, 312, 475		
Biology Cognates BIO101, 133, 235, 236, 295, 297, 299	4 Biology Cognates 4 BIOL104, 105, 121, 122, 277, 277, 277 Biology Cognates 17 *min. 17 credits at 300/400 level and min. 1 course at 400 level		
Support Courses	Support Courses CEM121 From above MTA CHEM115 From above MTA MATH112 Calc for Business/Life Sci 4 CEM122 Principles of Chemistry II 5 CHEM116 General Chemistry II 5 CEM231 Organic Chemistry 5 CHEM225 Organic Chemistry I 4+1 or LSSU's CHEM208 or CHEM208 Survey Organic Chem/Biol BIO226 Microbiology 4 BIOL204 Microbiology 4 MATH130 From above MTA MATH111 From above MTA Physical Science Electives 5 Physical Science Electives 5 CEM232 Organic Chemistry II (5 cr) CHEM326 Organic Chemistry II & CHEM377 or CEM212, ESC1212 or 122, or CHEM231, GEOL121 or 122, or PHY210 or 230 PHYS 221/277 or 231/277		
Electives BIO 223, 235, 236, 295, 296, 297, 299	21 Electives 21 BIOL302, 121, 122, 277, 277, 277		
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.			

TOTAL NCMC CREDITS	79	TOTAL LSSU CREDITS	45
Consultation with an advisor is recommended			
		Min. Total Credits	124

Steve Johnson	03/02/22	Dr. Sara Glasgow	03/02/26
Dr. Steve Johnson LSSU Dean of the College Arts & Sciences Kimberly Muller	(Date) 02/03/26	Dr. Sara Glasgow NCMC Dean of Arts & Sciences Sara Glasgow	(Date) 04/02/26
Dr. Kimberly Muller LSSU Provost & VP of Academic Affairs	(Date)	Dr. Stephen Strom NCMC VP of Academic Affairs	(Date)