

# Lake Superior State University—Articulation Agreement

## North Central Michigan College

Transfer Major:

B.S. Integrated Science (leading to a DI endorsement)(ACS Option):  
Secondary Teaching

Contacts:

Academic Advising  
North Central Community College  
advisors@ncmich.edu  
NCMC Admissions (888) 298-6605  
Carolyn Ramsdell, Coordinator of LSSU Regional Center  
Lake Superior State University  
(231) 348-6623 or cramsdell@lssu.edu  
LSSU Admissions (888) 800-5778 x:2231

Valid:

Fall 2020 through Fall 2023

NCMC Courses		LSSU Equivalency		Additional LSSU Courses	
<b>Michigan Transfer Agreement (MTA)</b>		<b>STUDENTS EARN MTA AT NCMC</b>		<ul style="list-style-type: none"> <li>• Professional Education Sequence courses require min. B- grade, including transfer credits</li> <li>• An approved teaching minor is recommended, but not required</li> <li>• Integrated Science Major courses require min. C grade; overall min. GPA 2.7</li> <li>• Certification requires a passing grade on the MTTC Integrated Science test</li> </ul>	
BIO133	Human Biology w/Lab 4	BIOL105	Function of Human Body 4		
CEM121	Principle Chemistry 5	CHEM115	General Chemistry I 5		
ENG101	English Composition I 3	ENGL110	First-Year Composition I 3		
MATH130	College Algebra 4	MATH111	College Algebra 3+1		
	Communication 3		Communication 3		
	Humanities 6		Humanities 6		
	Social Sciences 6		Social Sciences 6		
<b>EDUCATION COGNATE</b>		<b>EDUCATION COGNATE</b>			
SD125	First Year Experience 3	EDUC101	Self as Learner 2+1		
STAT200	Statistics 3	MATH207	Princ of Statistics 3		
<b>INTEGRATED SCIENCE MAJOR</b>		<b>INTEGRATED SCIENCE MAJOR</b>		<b>PROFESSIONAL EDUCATION SEQUENCE</b>	
BIO133	From above MTA	BIOL105	From above MTA	EDUC250	Student Diversity & Schools 4
BIO151	General Biology I 4	BIOL131	General Biology: Cells 4	EDUC301	Educ Psych Learning Theory 3
BIO152	General Biology II 4	BIOL132	General Biology II: Org 4	Admission to Teacher Ed req'd for following:	
CEM121	From above MTA	CHEM115	From above MTA	EDSE301	Intro to Special Education 3
CEM122	Principles of Chemistry II 5	CHEM116	General Chemistry II 5	EDUC350	Integrating Tech Learning 3
ESC121	Physical Geology 4	GEOL121	Phys Historical Geology I 4	EDUC415	Gen Instructional Methods 2
MATH130	From above MTA	MATH111	From above MTA 4	EDUC440	Reading Content Area 3
STAT200	From above Education Cognate	MATH207	From above Education Cognate	EDUC443 or EDUC453	3
PHY201	Foundations of Astronomy 4	NSCI119	Astronomy 4	EDUC460	Classroom Management 2
PHY210	General Physics I 5	PHYS221	Principles of Physics I 4+1	Admission to Student Ed req'd for following:	
PHY211	General Physics II 5	PHYS222	Principles of Physics II 4+1	EDUC480	Directed Teaching: Sem 2
				EDUC492	Directed Teaching 10
				<b>INTEGRATED SCIENCE MAJOR</b>	
				BIOL220	Genetics 4
				BIOL337	General Ecology 3
				CHEM208	Fund Organic BioChem 4
				CHEM231	Quantitative Analysis 4
				CHEM395	Junior Seminar 1
				CHEM499	Senior Seminar 1
				GEOL122	Phys Historical Geology II 4
				GEOG108 or NSCI116	4
<b>TOTAL NCMC CREDITS</b>		<b>68</b>		<b>LSSU CREDITS</b>	
				<b>60</b>	
				<b>TOTAL CREDITS</b>	
				<b>128</b>	

If NCMC's SD125 is taken, sub/waiver form must be written for LSSU's EDUC101, consultation with an advisor is recommended.

Dr. Steve Johnson (Date) 30 June 2020  
LSSU Dean of the College of the College of Science & Environment

Dr. Lynn Gillette (Date) 7/1/2020  
LSSU Provost & VP of Academic Affairs

Dr. Sara Glasgow (Date) 7/27/20  
NCMC Dean of Liberal Arts

Dr. Peter Olson (Date) 7/27/20  
NCMC VP of Academic Affairs