

# Lake Superior State University—Articulation Agreement

## Bay de Noc Community College

Transfer Major: Bachelor of Science-Mathematics: Secondary Teaching (7-12)

<b>Contacts:</b>	Jillena Rose, Transfer & Student Advising Bay de Noc Community College 906/217.4047 or jillena.rose@baycollege.edu Bay College Admissions 906/786.5802	<b>Valid:</b>	Fall 2024 through Fall 2027
	Heidi Rife, Director of LSSU Regional Center Lake Superior State University (906) 217.4123 or hrife@lssu.edu LSSU Admissions (888) 800-5778 x:2231		

Bay College Courses		LSSU Equivalency		Additional LSSU Courses	
<b>Michigan Transfer Agreement (MTA)</b>		<b>Students earn MTA at Bay College</b>		<ul style="list-style-type: none"> <li>• Overall min. GPA 2.70</li> <li>• Teaching courses require min. B- grade, including transfer credits</li> <li>• Admission to Teacher Education required for LSSU's Education courses</li> <li>• Admission to Student Teaching required for TEAC480 &amp; 492</li> <li>• Certification requires a passing grade on the MTTC 5-9 Exam</li> <li>• Min. 2.70 GPA and min. C grade in Math major courses</li> <li>• Some upper level coursework is only offered on alternating years</li> </ul>	
ENGL101 Rhetoric and Composition	3	ENGL110 First-Year Composition I	3		
	3	Communication Elective	3		
MATH141 Analytical Geo & Cal I	5	MATH151 Calculus I	4+1		
PHYS205 Engineering Physics I	5	PHYS231 Appl Phys Eng/Scientist I	4+1		
	6	Social & Behavior Science	6		
	6	Humanities	6		
	4	Natural Science	4		
<i>Note: Gen ed courses may be selected from STEM &amp; Modeling Cognate options</i>					
<b>SECONDARY MATH MAJOR</b>		<b>SECONDARY MATH MAJOR</b>		<b>SECONDARY MATH MAJOR</b>	
MATH141 (From above MTA)		MATH151 (From above MTA)		MEDU303 Teaching with Technology	3
MATH142 Analytical Geo & Cal II	5	MATH152 Calculus II	4+1	MEDU403 Secondary Math Instruct Mthds	3
MATH243 Analytical Geo & Cal III	5	MATH251 Calculus III	4+1	MATH215 Fund. Concepts of Math	3
MATH250 Intro to Linear Algebra	3	MATH305 Linear Algebra	3	MATH308 Prob & Stats	3
MATH244 Differential Equations	3	MATH310 Differential Equations	3	MATH309 Applied Stats	3
				MATH321 History of Math	3
				MATH325 College Geometry	3
				MATH341 Abstract Algebra I	3
				MATH401 Mathematical Modeling	3
				MATH421 Real Analysis	3
<b>COGNATE</b>		<b>COGNATE</b>		<b>STEM &amp; MODELING COGNATE</b>	
CSCI101 Computer Science I	3	CSCI105 Intro to Comp Prog	3	Option 3 Data Science: CSCI115 & 265 (6 cr)	
CSCI120 Principles of Programming	4	CSCI121 Princ of Comp Prog	4	<b>PROFESSIONAL EDUCATION SEQ.</b>	
				TEAC221 Special Ed & Partner	3
				TEAC355 Gen Methods for Adolescent	4
				TEAC423 Partner & Classroom Mgmt	3
				TEAC480 Directed Teaching Seminar	2
				TEAC492 Directed Teaching	10
<b>STEM &amp; MODELING COGNATE (6-10 cr)</b>		<b>STEM &amp; MODELING COGNATE (6-10 cr)</b>		<b>STEM &amp; MODELING COGNATE</b>	
Select 1 option from the following:		Select 2 options from the following:		Option 3 Data Science: CSCI115 & 265 (6 cr)	
Option 1 Biology: BIOL110 & 112 (8 cr)		Option 1 Biology: BIOL131 & 132 (8 cr)			
Option 2 Chemistry: CHEM110 & 112 (10 cr)		Option 2 Chemistry: CHEM115 & 116 (10 cr)			
Option 3 Data Science (LSSU only)		Option 3 Data Science (see 3rd column)			
Option 4 Economics: ECON131 & 132 (6 cr)		Option 4 Economics: ECON201 & 202 (6 cr)			
Option 5 GIS: GIS201 & LSSU (6 cr)		Option 5 GIS: EVRN131 & 225 (6 cr)			
Option 6 Poli Sci: POLI111 & LSSU (8 cr)		Option 6 Poli Sci: POLI110 & 234			
<b>PROFESSIONAL EDUCATION SEQ.</b>		<b>PROFESSIONAL EDUCATION SEQ.</b>			
EDUC212 Exploring Teaching	3	TEAC101 Becoming a Teacher	2+1		
EDUC220 Diversity in Education	3	TEAC120 Diversity	3		
EDUC202* Educational Psychology	3	TEAC222 Adolescent Development*	3		
<i>*Sub/waiver form will be written for Bay's EDUC202 course to sub in for TEAC222</i>					
<b>Minor or Electives to reach min. 124 total cr</b>		<b>Minor or Electives to reach min. 124 total cr</b>		<b>Minor or Electives to reach min. 124 total cr</b>	
<b>Approx. Bay College Credits</b> 74-78				<b>Approx. LSSU Credits</b> 52	
				<b>TOTAL CREDITS</b> Min. 124	

*Consultation with an advisor is recommended.*

Mindy McCready 9/25/2024  
 Ms. Mindy McCready (Date)  
 LSSU Interim Dean of the College of Business, Engineering, Computer Sci & Math

Kimberly Muller 9/26/2024  
 Dr. Kimberly Muller (Date)  
 LSSU Interim Provost & VP of Academic Affairs

Jessica Van Sjoeten 10-4/24  
 Dr. Jessica Van Sjoeten (Date)  
 Bay College Dean of Arts & Sciences

Amy Redding 10/3/24  
 Dr. Amy Redding (Date)  
 VP Arts & Sciences & DEB