			North	Central Michigan C	olleg	е		***************************************	
	Transfer Major:	Вас	***************************************	Science-Mathematics: Se			ng (7-12)		
Contacts:	Academic Advising North Central Community College advising@ncmich.edu NCMC Admissions (888) 298-6605 Heidi Rife, LSSU Regional Centers Director Lake Superior State University (906) 217.4123 or hrife@lssu.edu LSSU Admissions (888) 800-5778 x:2231					Valid: Fall 2025 through Fall 2028			
	NCMC Courses	6 X.22	31	I SSII Equivolonov			4444		
Michigan T	ransfer Agreement (MTA)		04	LSSU Equivalency		A	dditional LSSU Courses		
ENG111 MATH150 PHY230	English Composition I Communication Elective Analytical Geo & Cal I Physics for Scientists & Eng I Social & Behavior Science Humanities Natural Science ed courses may be selected from STE	3 5 5 6-7 6-7 4-5	ENGL110 MATH151 PHYS231	First-Year Composition I Communication Elective Calculus I Appl Phys Eng/Scientist I Social & Behavior Science Humanities Natural Science	3 4+1 4+1 6-7 6-7 4-5	Overall min. GPA 2.70 Teaching courses require min. B- grade, including transfer credits Admission to Teacher Education required for LSSU's Education courses Admission to Student Teaching required for TEAC480492 Certification requires a passing grade on the MTTC 5-Exam Min. 2.70 GPA and min. C grade in Math major course Some upper level coursework is only offered on alternating years		SU's C480 & FC 5-9	
ECONDAF	RY MATH MAJOR	5	SECONDARY MATH MAJOR			SECONDARY MATH MAJOR			
MATH210 MATH215 MATH225 COGNATE CIS104 CIS115	(From above MTA) Analytical Geo & Cal II Analytical Geo & Cal III Differential Equations Intro to Program Logic* C++ Programming I* form will be written for NCMC's CIS10	5 M 4 M 3 M	MATH151 MATH152 MATH251 MATH310 COGNATE CSCI105 CSCI121 S115 to sub i	(From above MTA) Calculus II Calculus III Differential Equations Intro to Comp Prog* Princ of Comp Prog* in for CIS105 & CSC/121	4+1 4 3 3 4	MEDU303 MEDU403 MATH215 MATH305 MATH308 MATH309 MATH321 MATH325 MATH341 MATH401	Teaching with Technology Secondary Math Instruct Mthds Fund. Concepts of Math Linear Algebra Prob & Stats Applied Stats History of Math College Geometry Abstract Algebra I Mathematical Modeling Real Analysis	3 3 3 3 3 3 3 3 3 3 3	
STEM & MODELING COGNATE (6-10 cr) Select 1 option from the following: Option 1 Biology: BIO151 & 152 (8 cr) Option 2 Chemistry: CEM121 & 122 (10 cr) Option 3 Data Science (LSSU only) Option 4 Economics: ECO111 & 112 (6 cr) Option 5 GIS: GIS110 & 120 (6 cr) Option 6 Poli Sci: PLS141 & LSSU's POLI234 (8 cr) PROFESSIONAL EDUCATION SEQ. ED101 Intro to Education 3 ED201 Diversity, Equity, & Inclusion 3			STEM & MODELING COGNATE (6-10 cr) Select 2 options from the following: Option 1 Biology: BIOL131 & 132 (8 cr) Option 2 Chemistry: CHEM115 & 116 (10 cr) Option 3 Data Science (see 3rd column) Option 4 Economics: ECON201 & 202 (6 cr) Option 5 GIS: EVRN131 & 225 (6 cr) Option 6 Poli Sci: POLI110 & 234 PROFESSIONAL EDUCATION SEQ. TEAC101 Becoming a Teacher TEAC120 Diversity			Option 3 Date of PROFESSION TEAC221 TEAC222 TEAC355 TEAC423 TEAC480	DDELING COGNATE Ita Science: CSCI115 & 265 (6 cr) DNAL EDUCATION SEQ. Special Ed & Partner Adolescent Development Gen Methods for Adolenc Partner & Classroom Mgmt Directed Teaching Seminar Directed Teaching	3 3 4 3 2 10	
MINOR OR ELECTIVES TO REACH MIN. 124 TOTAL CREDITS						Minor or Ele	ectives to reach min. 124 total cr		
Approx, NCMC Credits 66-74						Approx. LSSU Credits 50-5			
						TOTAL CRE		lin. 12	
ls. Mindy I	McCready Dean of the College of Business, Engir	neering,	2025 (Date)	nsultation with an advisor is recommen		Gara Glasgo Dean of Arts	M Glasger 2/	//8/2 (Date	

Dr. Kimberly Muller LSSU Provost & VP of Academic Affairs

Dr. Stephen Strom NCMC VP of Academic Affairs & Student Success