

Articulation Agreement

This Articulation Agreement shall exist between Lake Superior State University (LSSU) in Sault Ste. Marie, Michigan and Northwestern Michigan College (NMC) in Traverse City, Michigan. The purpose of this Agreement shall be to facilitate the transfer of credits from NMC to LSSU leading to a Bachelor of Science Degree in Fisheries and Wildlife Management, Fisheries Concentration granted by Lake Superior State University. In collaboration with this Agreement, credits taken at LSSU will transfer to NMC to satisfy any qualifying degree or certificate requirements offered by Northwestern Michigan College.

Any student who declares a major in the aforementioned field of study will be allowed to complete the program of study provided they remain enrolled during concurrent academic periods. This Articulation Agreement shall be reviewed by the academic transfer departments/programs at each institution every four (4) years from the date of this agreement. The Head/Chair of the Department/School/Program for each institution shall sign and date the review and renewal of this Articulation Agreement.

The attached document shall outline the required courses and their transfer equivalencies between NMC and LSSU. These course transfer equivalencies shall remain in effect during the duration of this Agreement and any changes shall be approved mutually by both Institutions under the terms of this Articulation. This Articulation Agreement may be terminated by either NMC or LSSU after consultation between both Institutions but at no time during the course of any academic session.

Lake Superior State University - Articulation Agreement

Northwestern Michigan College

Transfer Major:	Bachelor of Science Degree - Fisheries & Wildlife Management, Fisheries Conc		
Contacts:	Northwestern Michigan College	Dennis Merkel, Chair, SNRE Lake Superior State University (906)635-2152	
Based on:	2017 - 2018 NMC Catalog	2019 - 2020 LSSU Catalog	
Valid for:	Fall 2019 - Fall 2023		
Northwestern Michigan College Freshwater Studies (ASA)	LSSU Equivalency	LSSU Bachelor of Science Degree Fisheries & Wildlife Management, Fisheries Concentration	
MTA Requirements (General Education) 30 includes GEO 115 Intro to GIS* ENV131 Oceanography 4 ENV140 Watershed Science 4 WSI105 Intro to Freshwater Studies 3 WSI230 Water Policy & Sustainability 3 WSI290 Internship 3 BIO115 Cell, Plan, & Ecosystem Biology 4 BIO116 Genetic, Evolution, Animal Biology 4 CHM150 General Chemistry I 5 MTH121 College Algebra 3 MTH131 Intro to Probability & Stats 3 PHY121 General Physics 4 TOTAL NMC CREDITS 70	MTA Requirements 27 EVRN131 Intro to GIS 3 NRES203 Fundamentals of Natural Resources 3 EVRN311 Environmental Law 3 NRES elective 11 BIOL131 General Biology I 4 BIOL132 General Biology II 4 CHEM115 General Chemistry I 5 MATH111 College Algebra 3 NRES250 Quantitative Biology 3 PHYS221 Physics I 4 TOTAL LSSU TRANSFER CREDITS 70	Courses to Complete Degree: NRES199 Freshman Seminar waive NRES199 Sophomore Seminar 1 NRES310 Ichthyology 3 NRES333 Fish Ecology 3 NRES345 Limnology 4 NRES372 Fish Culture 3 NRES432 Fisheries Management 3 NRES475 Aquatic Entomology 3 NRES495 Senior Project 2 BIOL220 Genetics 4 BIOL337 General Ecology 3 BIOL399 Junior Seminar 1 BIOL499 Senior Seminar 1 BIOL243 Vertebrate Anatomy OR BIOL330 Animal Physiology 4 MATH112 Calculus for Life Sciences 5 CHEM116 General Chemistry II 11 Free electives 11 TOTAL LSSU CREDITS 55	

APPROVED BY:

 3-19-2019
 Dr. Lynn Gillette
 Provost & Vice President for Academic Affairs
 Lake Superior State University

 3-19-2019
 Dr. Marguerite Cotto Date
 Vice President for Lifelong and Professional Learning
 Northwestern Michigan College

 March 19, 2019
 Dr. Stephen Siciliano Date
 Vice President for Educational Services
 Northwestern Michigan College

Students must have MTA certification from Northwestern Michigan College for agreement to be valid. Students should work with their community college transfer counselor to verify MTA requirements.

*Courses included in MTA.

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Lake Superior State University - Articulation Agreement

Northwestern Michigan College

Transfer Major:

Bachelor of Science Degree - Conservation Biology

Contacts:

Northwestern Michigan College

Dennis Merkel, Chair, SNRE
Lake Superior State University
(906)635-2152

Based on:

2017 - 2018 NMC Catalog

2019 - 2020 LSSU Catalog

Valid for:

Fall 2019 - Fall 2023

**Northwestern Michigan College
Freshwater Studies
(ASA)**

LSSU Equivalency

**LSSU Bachelor of Science Degree
Conservation Biology**

MTA Requirements (General Education) includes GEO 115 Intro to GIS*	30
ENV131 Oceanography	4
ENV140 Watershed Science	4
WSI105 Intro to Freshwater Studies	3
WSI230 Water Policy & Sustainability	3
WSI290 Internship	3
BIO115 Cell, Plan, & Ecosystem Biology	4
BIO116 Genetic, Evolution, Animal Biology	4
CHM150 General Chemistry I	5
MTH121 College Algebra	3
MTH131 Intro to Probability & Stats	3
ANT113 Intro to Cultural Anthropology	3
PLS211 International Relations	3

MTA Requirements	27
EVRN131 Intro to GIS	3
NRES286 Principles of Watersheds	3
NRES203 Fundamentals of Natural Resources	3
EVRN311 Environmental Law	3
NRES elective	8
BIOL131 General Biology I	4
BIOL132 General Biology II	4
CHEM115 General Chemistry I	5
MATH111 College Algebra	3
NRES250 Quantitative Biology	3
NRES304 Human Environment	3
Global Perspectives elective	3

Courses to Complete Degree:	
NRES199 Freshman Seminar	waive
NRES199 Sophomore Seminar	1
NRES230 Intro to Soils	4
NRES284 Principles of Forestry	4
NRES287 Conservation Biology	3
NRES470 Restoration Ecology	3
NRES497 Experiential Learning Project	3
BIOL220 Genetics	4
BIOL337 General Ecology	3
BIOL399 Junior Seminar	1
BIOL420 Evolutionary Analysis	3
BIOL499 Senior Seminar	1
EVRN231 Spatial Analysis	3
MATH112 Calculus for Life Sciences	4
CHEM116 General Chemistry II	5
Free electives	11

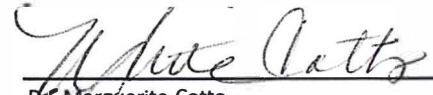
TOTAL NMC CREDITS 72

TOTAL LSSU TRANSFER CREDITS 72

TOTAL LSSU CREDITS 53

APPROVED BY:

 3-19-09
Date
Dr. Lynn Gillette
Provost & Vice President for Academic Affairs
Lake Superior State University

 3-19-2019
Date
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Vice President for Lifelong and Professional Learning
Northwestern Michigan College

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