

# Lake Superior State University—Articulation Agreement

## North Central Michigan College

Transfer Major: Bachelor of Science-Environmental Science

| <b>Contacts:</b>   | Academic Advising<br>North Central Michigan College<br>advising@ncmich.edu<br>NCMC Admissions 888/298.6605<br><br>Heidi Rife, LSSU Regional Centers Director<br>Lake Superior State University<br>906/217.4123 or hrife@lssu.edu<br>LSSU Admissions 888/800.5778 x:2231 | <b>Valid:</b>  | Fall 2025-2028   |     |  |
|--|---|--|--|-----|--|
|  |   |  |  |     |  |
| <b>NCMC Courses</b>  |   | <b>LSSU Equivalency</b>  |  |     |  |
| <b>Michigan Transfer Agreement (MTA)</b>   |   | <b>STUDENTS EARN MTA AT NCMC</b>   |  |     |  |
| ENG111   | English Composition I   | 3  | ENGL110 First-Year Composition I                                     | 3   |  |
| XXXXxx   | Comm Elective (Rec: ENG112)   | 3  | XXXXxxx Communication Elective                                       | 3   |  |
| STAT200  | Statistics  | 3  | MATH207 Princ of Statistical Methods                                 | 3   |  |
| BIO151   | General Biology I   | 4  | BIOL131 General Biology: Cells                                       | 4   |  |
| CEM121   | Principles of Chemistry   | 5  | CHEM115 General Chemistry I  | 5   |  |
| XXXXxxx  | Social Science  | 3  | XXXXxxx Social & Behavioral Science                                  | 3   |  |
| XXXXxxx  | Social Sci (Rec: SOC175)  | 3  | XXXXxxx Social & Behavioral Science                                  | 3   |  |
| XXXXxxx  | Humanities  | 6  | XXXXxxx Humanities   | 6   |  |
| <b>REQUIREMENTS</b>  |   | <b>REQUIREMENTS</b>  |  |     |  |
| BIO151   | (From above MTA)  |  | BIOL131 (From above MTA)   |     |  |
| BIO152   | General Biology II  | 4  | BIOL132 General Biology: Organisms                                   | 4   |  |
| CEM121   | (From above MTA)  |  | CHEM115 (From above MTA)   |     |  |
| CEM122   | Principles of Chemistry II  | 5  | CHEM116 General Chemistry II   | 5   |  |
| ESC150   | Weather & Climate -or- GEO111<br>or LSSU's NSCI116  | 4  | GEOG108 Phys Geog: Meterology/Clim<br>NSCI116 Intro to Oceanography  | 4   |  |
| ESC121   | Physical Geology  | 4  | GEOL121 Physical Geology   | 4   |  |
| GIS110   | Intro to Geo Info Systems I   | 3  | EVRN131 Intro to GIS/GPS   | 3   |  |
| GIS120   | Intro to Geo Info Systems II  | 3  | EVRN225 Intermediate GIS   | 3   |  |
| MATH150  | Analytic Geo/Calc I<br>or LSSU's MATH112  | 5  | MATH151 Calculus   | 4+1 |  |
|  |   |  | or MATH112 Cal Bus/Life Science                                      |     |  |
| STAT200  | (From above MTA)<br>or LSSU's BUSN211 or BIOL280  |  | MATH207 (From above MTA)<br>or BUSN211 Bus Stats or BIOL280 Biostats |     |  |
| <b>MATH OR SCIENCE ELECTIVES</b>   |   | <b>MATH OR SCIENCE ELECTIVES</b>   |  |     |  |
| MATH210 or any add'l BIO, CEM, GIS, ESC,<br>MATH, ENVS, or PHY 200 level or higher   |   | MATH152 or any add'l BIOL, CHEM, EVRN, GEOL,<br>MATH, MICRO, NRES, or PHYS 200 level or higher         | 6  |     |  |
| ENVS255 Paradigms in Sustainability (3 cr)<br>GEO121 (4 cr) or GEO131 (3 cr)   |   | NRES277 Electives (sub for NSCI103)<br>GEOG201 World Regional Geography                                |  |     |  |
| <b>ELECTIVES</b>   |   | <b>ELECTIVES</b>   |  |     |  |
| Elective courses are recommended to be taken at LSSU to maintain a full-time status after transferring.  |   | 14   |  |     |  |
| Note: Students will earn NCMC's A.S. Environmental & Sustainability Studies upon successful completion of the courses listed in blue, ECO220, ENVS265, PHL101 or 105, and an additional COM elective. Consult with a NCMC advisor. |   | 14   |  |     |  |
| <b>TOTAL NCMC CREDITS</b>  | 79  | <b>ELECTIVES</b>   | 14   |     |  |
|  |   |  |  |     |  |
| <b>LSSU CREDITS</b>  | 45  | <b>MATH OR SCIENCE ELECTIVES</b>   | 8  |     |  |
|  |   | MATH152 or any additional BIOL, CHEM, EVRN,<br>GEOL, MATH, MICRO, NRES, or PHYS 200 level<br>or higher |  |     |  |
| <b>TOTAL CREDITS</b>   | 124   |  |  |     |  |

Consultation with an advisor is recommended. Subwaiver form written for NCMC's ENVS255 to transfer as NSCI103.

Steven Johnson Nov 19, 2025

Dr. Steven Johnson (Date)  
LSSU Dean for the College of Arts & Sciences

Kimberly Muller 11/18/25  
Dr. Kimberly Muller (Date)  
LSSU Provost & VP for Academic Affairs

Sara Glasgow Nov 19, 2025

Dr. Sara Glasgow (Date)  
NCMC Dean of Arts & Sciences

Stephen Strom Dec 2, 2025  
Dr. Stephen Strom (Date)  
NCMC VP of Academic Affairs