

Lake Superior State University—Transfer Guide

North Central Michigan College

Transfer Major: Bachelor of Science Degree Biology Secondary Education (2+3)

Contacts:

Timothy Dykstra, Dean of Instruction
North Central Michigan College
(231) 348-6700 or (231) 348-6600

Greg Zimmerman, Chair, Biological Sciences
Lake Superior State University
(906) 635-2470 or Admissions 1-888-800-5778 x2231

Valid For:

2003-2005 NCMC Catalog

2004-2006 LSSU Catalog

North Central Michigan College

LSSU Equivalency

LSSU Bachelor of Science Degree Biology Secondary Education (2+3)

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|---|-----------|---|-----------|---|-----------|
| MACRAO Certification (General Education Requirements) | 27 | MACRAO Certification (General Education Requirements) | 27 | Courses to Complete Degree: | |
| CIS 100 Intro Computers | 3 | CS 101 Intro Microcomputer Apps | 3 | BL 220 Genetics | 4 |
| MTH 119 College Algebra | 3 | MA 111 College Algebra | 3 | BL 280 Biometrics | 3 |
| STAT 200 Statistics | 3 | MA 207 Prin of Statistical Methods | 3 | BL 299 Sophomore Seminar | 1 |
| BIO 151 General Biology I | 4 | BL 131 General Biology I | 4 | BL 337 General Ecology | 3 |
| BIO 152 General Biology II | 4 | BL 132 General Biology II | 4 | BL 399 Junior Seminar * | 1 |
| BIO 226 Microbiology | 3 | BL 204 General Microbiology | 3 | BL 495 Senior Project | 1-3 |
| GEOL 101 Physical Geology | 4 | GE 121 Physical/Historical Geology | 4 | BL 499 Senior Seminar | 1 |
| PHY 210 General College Physics I | 5 | PH 221 Elem Phys I (4) & PH Elec (1) | 5 | BL 105 Function of Human Body | 4 |
| PHY 211 General College Physics II | 5 | PH 222 Elem Phys II (4) & PH Elec (1) | 5 | BL 240 Natural History of Vertebrates | 3 |
| CEM 121 Prin Chemistry I | 5 | CH 115 General Chemistry I | 5 | BL 330 Animal Physiology | 4 |
| CEM 122 Prin Chemistry II | 5 | CH 115 Gen Chem II (4) & CH Elec (1) | 5 | BL 337 General Ecology | 3 |
| | | | | BL 405 Animal Behavior | 3 |
| | | | | CH 225 Organic Chemistry I | 4 |
| | | | | CH 226 Organic Chemistry II | 4 |
| | | | | CH 451 Intro Biochemistry | 4 |
| | | | | TE 150 Ref on Teaching & Learning | 3 |
| | | | | TE 250 Student Diversity & Schools | 3 |
| | | | | TE 301 Learning Theory/Teaching Prac | 4 |
| | | | | TE 430 Gen Meth Secondary Teachers | 3 |
| | | | | TE 431 Secondary Learner | 3 |
| | | | | TE 440 Reading in the Content Area | 3 |
| | | | | TE 443 Sci Meth Secondary Teachers | 3 |
| | | | | TE 480 Internship Teaching Seminar | 1 |
| | | | | TE 480 Internship Teaching Seminar | 1 |
| | | | | TE 491 Internship/Adv Methods | 8 |
| | | | | TE 492 Internship/Adv Methods | 8 |
| | | | | TE 602 Ref/Inquiry Teaching Practice I | 3 |
| | | | | TE 604 Ref/Inquiry Teaching Practice II | 3 |
| TOTAL NCMC CREDITS | 71 | TOTAL LSSU TRANSFER | 71 | TOTAL LSSU CREDITS | 99 |

APPROVED BY:

Timothy Dykstra, Dean of Instruction (Date)
North Central Michigan College

Greg Zimmerman, Chair, Biological Sciences (Date)
Lake Superior State University

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

* CO 101 Speech Communication is a departmental prerequisite for BL 399; if a transfer student does not take NCMC's COM 111 as part of his/her general education, then he/she must take LSSU's CO 101 prior to taking BL 399.