

Lake Superior State University—Transfer Guide

Alpena Community College

Transfer Major: Bachelor of Science—Fish Health

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|------------------|--|-------------------|------------------------|
| Contacts: | Ms. Audrey Julian, Transfer Coordinator Alpena Community College (989) 358-7277 | Valid For: | 2006-2007 ACC Catalog |
| | Dr. Gregory M. Zimmerman, Department Head, Department of Biological Sciences Lake Superior State University (906) 635-2470 or gzimmerman@lssu.edu | | 2006-2009 LSSU Catalog |

| Alpena Community College | | LSSU Equivalency | | LSSU Bachelor Degree Fish Health | |
|--|-----------|------------------------------------|-----------|--|-----------|
| MACRAO Certification | 30 | MACRAO Certification | 30 | Courses to Complete Degree: | |
| BIO 114 Introduction to Biological Sci | 4 | BIOL 131 General Biology 1 | 4 | BIOL 199 Freshman Seminar | 1 |
| BIO 210 Introduction to Botany | 4 | BIOL 132 General Biology 2 | 4 | BIOL 204 General Microbiology | 4 |
| BIO 230 General Ecology | 4 | BIOL 337 General Ecology | 3+1 | BIOL 220 Genetics | 4 |
| CEM 121 Gen'l & Inorganic Chemistry | 4 | CHEM 115 General Chemistry 1 | 5 | BIOL 280 Biometrics | 3 |
| CEM 122 Inorg Chem & Quant Analysis | 4 | CHEM 116 General Chemistry 2 | 4 | BIOL 299 Sophomore Seminar | 1 |
| CEM 221 Organic Chemistry | 4 | CHEM 225 Organic Chemistry 1 | 4 | BIOL 310 Ichthyology | 3 |
| CEM222 Organic Chemistry | 4 | CHEM 226 Organic Chemistry 2 | 4 | BIOL 330 Animal Physiology | 4 |
| | | | | BIOL 333 Fish Ecology | 3 |
| | | | | BIOL 345 Limnology | 3 |
| | | | | BIOL 372 Fish Culture | 3 |
| | | | | BIOL 399 Junior Seminar | 1 |
| | | | | BIOL 422 Parasitology | 3 |
| | | | | BIOL 423 Immunology | 4 |
| | | | | BIOL 425 Virology (Fall '09) | 3 |
| | | | | BIOL 426 Ecology of Disease (Spr'10) | 3 |
| | | | | BIOL 433 Histology | 3 |
| | | | | BIOL 434 Histopathology Lab (Fall '09) | 1 |
| | | | | BIOL 480 Adv Clinical Microbiology | 3 |
| | | | | BIOL 490 Fish Health Internship | 4 |
| | | | | BIOL 499 Senior Seminar | 1 |
| | | | | CHEM 451 Biochemistry | 4 |
| | | | | HLTH 208 Nutrition | 3 |
| | | | | HLTH 209 Pharmacology | 3 |
| | | | | MATH 111 College Algebra | 3 |
| | | | | MATH 112 Calculus Bus and Life Sci | 4 |
| Total ACC Credits | 58 | Total LSSU Transfer Credits | 58 | Total LSSU Credits | 72 |

APPROVED BY:

Dr. Gregory M. Zimmerman, Department Head, Department of Biological Sciences
Lake Superior State University

(Date)

Students are encouraged to have earned MACRAO certification from Alpena Community College. Students should work with their community college transfer counselor to verify MACRAO requirements.

*Complete credits depend on the BS and BA degrees.

Contact Ms. Kathleen Clarady, M.A. Transfer Specialist at Lake Superior State University for more information at (906)635-2808 or kclarady@lssu.edu
Lake Superior State University – Admissions Office 650 West Easterday Avenue Sault Sainte Marie, Michigan 49783

1-888-800-LSSU – www.lssu.edu

For more course to course equivalencies, visit www.lssu.edu/equivalency

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