



SUGGESTED PLAN OF STUDY – 63-68 credits

| FIRST YEAR | YOUR COURSES |
|------------|--------------|
|------------|--------------|

SEMESTER 1

| | | | | |
|--------------------------|----------|-----------------------|--------------|--|
| <input type="checkbox"/> | EDU 102 | Miikana—FYE | 2 | |
| <input type="checkbox"/> | ENGL 101 | English Composition I | 3 | |
| <input type="checkbox"/> | BIO 121 | General Biology I | 4 | |
| <input type="checkbox"/> | MATH | MATH155 or Higher | 3 | |
| <input type="checkbox"/> | ESS | ESS Elective | 3/4 | |
| Total Credits | | | 15/16 | |

SEMESTER 2

| | | | | |
|--------------------------|-----------|-------------------------|-----------|--|
| <input type="checkbox"/> | ANI 100 | Anishinaabe Studies | 3 | |
| <input type="checkbox"/> | ITECH 100 | Computer Applications I | 3 | |
| <input type="checkbox"/> | BIO 122 | General Biology II | 4 | |
| <input type="checkbox"/> | BIO 204 | Environmental Science | 3 | |
| <input type="checkbox"/> | COMM | Communications Elective | 3 | |
| Total Credits | | | 16 | |

| SECOND YEAR | YOUR COURSES |
|-------------|--------------|
|-------------|--------------|

SEMESTER 3

| | | | | |
|--------------------------|---------|-------------------------|--------------|--|
| <input type="checkbox"/> | SCIENCE | Chemistry | 4 | |
| <input type="checkbox"/> | OJI 101 | Speaking Ojibwe I | 4 | |
| <input type="checkbox"/> | ESS | ESS Elective | 3/4 | |
| <input type="checkbox"/> | ESS | ESS Elective | 3/4 | |
| <input type="checkbox"/> | GE | History or Art Elective | 3 | |
| Total Credits | | | 17-19 | |

SEMESTER 4

| | | | | |
|--------------------------|-----------|-------------------------|--------------|--|
| <input type="checkbox"/> | ESS | ESS English Requirement | 3 | |
| <input type="checkbox"/> | ESS | ESS Elective | 3/4 | |
| <input type="checkbox"/> | ESS | ESS Elective | 3/4 | |
| <input type="checkbox"/> | POLSC 225 | Treaty Law and Tribal S | 3 | |
| <input type="checkbox"/> | GE | History or Art Elective | 3 | |
| Total Credits | | | 15-17 | |

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

| | | | |
|----------|--------------------------|---------------------|--|
| ENGL 096 | Writing & Reading Skills | 3 | |
| MATH 094 | Algebra Skills | 3 &/or MATH 140/150 | |

Associate of Science Degree

This program will provide students an opportunity to customize their education either to enter the workforce as a technician or to transition into a four-year Earth Science degree. Earth Systems Science students will work closely with our partners and have meaningful contacts when pursuing a career.

AZHEGIIWE BAGWAJAYA'II - "He/She goes back to the wilderness"

Earth Systems Science

Communications Elective: 3 credits

ENGL 102 English Composition II
SPCH 201 Speech and Communications

Science Elective: 3 credits

CHEM 100 Foundations of Chemistry & Lab
CHEM 111 General Chemistry I & Lab

ESS Elective: 12 credits

BIO 140 Ecology **OR** BIO 200 Ethnobiology
ESS 220 Introduction to Atmospheric Science
ESS 240 Watershed Research Methods and the Leech Lake Area
FOR 210 Freshwater Studies
GEOL 110 Physical Geology and Earth Systems
GEOL 210 Soil and Sediments and the Leech Lake Area

ESS English Requirement: 3

ENGL 200 Literature and the Environment
ENGL 250 Contemporary American Indian Literature

Arts and Humanities Elective: 6 credits

ART XXX Art Course, See course descriptions in the Course Catalog for complete listings
MUS 250 History of Anishinaabe Music and Dance
PHIL 200 Indigenous American Philosophy

History and Social Sciences Elective: 3 credits

HIS 101 US History & Indigenous History
HIS 150 History of Leech Lake
PSY 100 General Psychology
SOC 101 Introduction to Sociology

Earth Systems Science careers may include:

- Field Technician for Environmental Assessments
- Wetland Delineation Crew Member
- Research Assistant
- Water Quality Technician
- Analytical Laboratory Assistant
- Air Quality Analyst
- Tribal Leadership