



SUGGESTED PLAN OF STUDY – 60 credits

FIRST YEAR YOUR COURSES

SEMESTER 1

Table with 4 columns: Course ID, Course Name, Credits, and a blank line for course selection. Includes courses like EDU 102, ENGL 101, BIO 121, MATH, and ESS.

SEMESTER 2

Table with 4 columns: Course ID, Course Name, Credits, and a blank line for course selection. Includes courses like ANI 100, ITECH 100, BIO 122, BIO 204, and SPCH 100.

SECOND YEAR YOUR COURSES

SEMESTER 3

Table with 4 columns: Course ID, Course Name, Credits, and a blank line for course selection. Includes Science, OJI 101, ESS, and GE.

SEMESTER 4

Table with 4 columns: Course ID, Course Name, Credits, and a blank line for course selection. Includes ESS, POLSC 225, and GE.

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

Table with 3 columns: Course ID, Course Name, and Credits. Lists ENGL 096 and MATH 094.

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 100 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
- Research Assistant
- Air Quality Analyst
- Tribal Leadership
- Analytical Laboratory Assistant
- Wetland Delineation Crew Member
- Water Quality Technician

