ARTICULATION AGREEMENT

Between

Keweenaw Bay Ojibwa Community College

A.S. Environmental Science

And

Northern Michigan University

College of Arts and Sciences

B.S. Environmental Science

April 22, 2026

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Article I
Agreement on Principle

Northern Michigan University (NMU) and Keweenaw Bay Ojibwa Community College (KBOCC) agree that students who choose to transfer from a community college to a senior college or university to earn a bachelor's degree should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, Northern Michigan University and Keweenaw Bay Ojibwa Community College agree to enter into this curriculum articulation agreement for students who complete an Associate of Science in Environmental Science at Keweenaw Bay Ojibwa Community College and transfer to NMU to complete the Bachelors of Science in Environmental Science. Both institutions enter into this agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

Article II
Agreement on Program Specifics

Northern Michigan University and Keweenaw Bay Ojibwa Community College agree that any student who has successfully completed the minimum requirements outlined on the attached articulation guide may transfer the course credits indicated toward the Bachelor of Science in Environmental Science degree at Northern Michigan University. Students who follow this articulated program agreement must apply and be admitted to Northern Michigan University. Keweenaw Bay Ojibwa Community College students will receive equal consideration with other students seeking admission and financial aid. The bachelor's degree graduation requirements for students who follow this articulated program agreement are listed on the attached articulation guide.

Article III
Agreement on Communication

Northern Michigan University and Keweenaw Bay Ojibwa Community College agree to cooperate in communication with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from the opportunities provided by this agreement. Faculty and staff at both institutions will share the information in this agreement with interested and qualified students and both institutions will provide counseling and advising to students and prospective students.

Article IV
Agreement on Maintenance and Review Procedures

At least one administrative or faculty member from each institution will be appointed to act as agents for the implementation of this agreement, to speak for the institutions and to communicate changes to respective faculty members, advisors, counselors, and others to whom the information is pertinent. Responsibility for oversight of this agreement rests with the Environmental Science Department Chair at Keweenaw Bay Ojibwa Community College and the Associate Provost for Academic Affairs at Northern Michigan University.

Both parties agree to communicate annually any changes in their respective programs that may affect this articulation agreement. During the third year, both parties will review the agreement for revision and possible renewal. If the agreement is not reviewed by the end of the effective agreement, Keweenaw Bay Ojibwa Community College students who started the articulated program prior to termination of the agreement, will be given three additional years to be admitted to NMU under terms of this agreement.

ARTICULATION AGREEMENT

Between
Keweenaw Bay Ojibwa Community College
Associate of Science in Environmental Science
And
Northern Michigan University
College of Arts and Sciences
Bachelor of Science in Environmental Science

Effective Dates of this Articulation Agreement: May 11, 2026 through May 11, 2029

Introduction:

The purpose of this articulation agreement is to provide a smooth transition for students who want to earn an Associate of Science degree in Environmental Science at Keweenaw Bay Ojibwa Community College prior to a transfer to Northern Michigan University to complete a Bachelor of Science in Environmental Science. As displayed in this document, the first and second years of coursework are completed at Keweenaw Bay Ojibwa Community College and third and fourth years at Northern Michigan University.

The Environmental Science major provides students with a comprehensive and interdisciplinary educational experience that prepares them for careers in natural and physical science. This program equips students with the interdisciplinary skills to examine, analyze, and understand the complex dynamic interaction of physical, chemical, biological, and social systems, and collaborate to resolve complex interdisciplinary environmental problems.

By emphasizing professional skills training, including field, laboratory, and computer-based methods, students gain applied science knowledge through experiential learning that prepares them for environmental career opportunities by practicing hands-on techniques such as in natural resource management, environmental assessment, pollution remediation, and environmental technologies, and other environmental science careers.

Effective Dates:

The effective dates of this agreement are from **May 11, 2026 through May 11, 2029**. If this agreement is not renewed at the end of the effective period, students who have already started this articulated program at Keweenaw Bay Ojibwa Community College will be given three additional years to be admitted to NMU under the terms of this agreement. Students, who began the program prior to the effective date, may use the agreement to the extent that the requirements completed are consistent with this agreement.

Note Regarding Michigan Transfer Agreement (MTA): Students who transfer to Northern Michigan University from a Michigan community college and who have *Michigan Transfer Agreement Satisfied* posted on their transcript will be considered to have met the requirements of NMU's General Education program. Students will still be expected to complete all other degree requirements, including graduation requirements (Global Citizenship requirement, Laboratory Science requirement, and Math and English Competency requirement) and any courses listed as "Other Required Courses" that may also be General Education courses. Degree requirements can be found at www.nmu.edu/catalog. Transfer students who do not complete the entire block of courses required by the MTA will receive credit for courses they do complete on the basis of individual evaluation and established transfer equivalencies.

Time at Keweenaw Bay Ojibwa Community College:

The first and second years of NMU's Bachelor of Science in Environmental Science Degree will be completed at Keweenaw Bay Ojibwa Community College as an Associate of Science Degree in Environmental Science. A maximum of 90 semester credits may transfer to NMU from a two-year college. Unless otherwise designated, a grade of C- or higher is required for transfer to NMU. As a requirement for graduation, all Earth, Environmental and Geographical Sciences Department majors must have a minimum cumulative grade point average of 2.25 for all courses constituting the major curriculum. The following section displays the Keweenaw Bay Ojibwa Community College A.S. degree with restricted selections to meet the MTA requirements and NMU's graduation requirements:

KBOCC Course	Course Title	Credit Hours	NMU Equivalent or Required Course	NMU Degree Requirements
Year One – Fall Semester		**13**		
LS103 or LS 133	College Success or Online College Success	2	GEN 1009	MTA
EN102	English Composition I	3	EN 111	MTA
ES 110	Introduction to Environmental Science	4	GC 101	Env. Science Core
AS 101 or AS 102 or OS110	Intro to Anishinaabe Studies or Anishinaabe or Value & Philosophy or Ojibwa Language & Culture	4	NAS 204 INTT 1009 NAS 101	Global Cit. Grad Req General Elective General Elective
Year One – Spring Semester		**15**		
EN202	College Composition II	3	EN 211	MTA/ Engl. Grad. Req. (must earn at least a C)
Mathematics MA 105, MA 130 or MA 201	Select one Mathematics Elective from: College Algebra or Pre-Calculus or Probability and Statistics	4	 MA 111 MA 115 DATA 109	 MTA/Pre-Req. and Math Grad. Req. (must earn at least a C)
Ecology BI 200 or BI 208 or ES 204	Select one Applied Ecology Elective from: Conservation Biology or Stream and Lake Ecology or Forests of the Upper Great Lakes	4	 BI 240 BI 411 BI 1009	 Natural Resources Concentration Water Resources Concentration General Elective
ES 218 or ES 219 or Humanities	Environmental Justice and Ethics or Anishinaabe Environmental Studies or Humanities Elective	4	GC 424 SWC 1009 GEN 1009	MTA/General Elective MTA/Global Cit. Grad Req. MTA/General Elective
Year One – Summer Semester		**8**		
GS 105	Introduction to Earth Science	4	GC 100	Major
ES 121	Trees of the Upper Great Lakes	4	BI 1009	General Elective
Year Two - Fall Semester		**13**		
Social Science	Social Science Elective	4		MTA
Ecology BI 200 or BI 208 or ES 204	Select a 2nd Applied Ecology Elective from: Conservation Biology or Stream and Lake Ecology or Forests of the Upper Great Lakes	4	 BI 240 BI 411 BI 1009	 Natural Resources Concentration Water Resources Concentration General Elective
Wildlife Sci. BI 203 or BI 205	Select one Wildlife Science Elective from: Wildlife Biology and Management or Fisheries Biology and Management	4	 BI 442 BI 441	Natural Resources Concentration Natural Resources Concentration/Water Resources Concentration
ES 298	Internship	1	GC 491	Concentration Course

Year Two- Spring Semester		**13**		
Env. Social. Science Elective: ES 217	Environmental Policy	4	GC 320	Major Requirement
Science Elective: BI 101	General Biology	3	BI 111	Major Requirement
BI 206	Principles of Ecology	4	BI 210	Water Resources Concentration or Natural Resources Concentration
ES 297	Capstone Seminar	2	GC 205	Major Requirement
	Total Credit Hours:	**62**		

- **Student must take one Global Citizenship Graduation Requirement Course. See adviser for guidance regarding this requirement.**
- **The MTA will be fulfilled by completing this agreement.**
- **GS 105 will be used to make up the two credit transfer-credit deficiency of ES 297**

Time at Northern Michigan University:

The third and fourth years of NMU's Bachelor of Science in Environmental Science Degree is comprised of at least 58-61 credits. To qualify for a bachelor's degree at NMU, students must meet all graduation requirements, which include the courses listed below at NMU.

Students must declare one of the following concentrations:

- Natural Resources
- Pollution Control and Remediation
- Renewable Energy Technologies
- Water Resources

NMU Course #	**NMU Course Title**	**Credit Hours**	**NMU Degree Requirements**
	Fall Semester – Year Three	**15**	
BI 112	Introductory Biology: Principles	4	Other Required
MA 115	Precalculus	4	General Elective and Pre-req
GC 225	Introduction to Maps	2	Major
CH 111	General Chemistry I	5	Major
	Winter Semester – Year Three	**17**	
MA 161	Calculus I	4	Major-Pre-req is MA 115
CH 112	General Chemistry II	5	Major
GC 335	Geographic Information Systems	4	Major
GC 235	Quantitative Methods	4	Major- Pre-req is MA 111
	Fall Semester -Year Four	**16**	
	Concentration Course	4	Concentration Course
GC 202 or GC 255	Soils or Physical Geology	4	
	Concentration Course	4	Concentration Course
	Concentration or Elective Course	4	Concentration or Elective
	Winter Semester – Year Four	**10-13**	
PH 201 or PH 220	College Physics I or Introductory Physics I	5	Other Required
GC 488 or GC 489	Earth and Environmental Science Capstone Research or Human Environment Capstone	4	Major
	Concentration or Elective (if needed)	1-4	Concentration or Elective
	Total Credit Hours:	**58-61**	

Additional Graduation Requirements:

1. An overall NMU GPA of 2.00;
2. Maintain a minimum GPA of 2.25 based on all course work applied to the Environmental Science curriculum;
3. At least 8 credit hours of a major and 4 credits of an optional minor must be earned at NMU;
4. A total of 120 credit hours are required for a B.S. Degree in Environmental Science with at least 30 completed through NMU;
5. Completion of the General Education Program and all graduation requirements; including Global Citizenship, Laboratory Science, English Competency and Mathematics Competency.

Notes to Students:

1. Complete the articulated program as indicated in this articulation guide. Any course substitutions should only be made with the guidance of an advisor or counselor to assure that all requirements are met;
2. Students are encouraged to meet with an academic adviser and admissions counselor at NMU early, before completing an admission application to NMU; and
3. A copy of the articulation agreement should be made available at all advising sessions. Copies of this agreement are available on the **NMU Undergraduate Admissions Website** and at the **Academic Affairs Office, NMU**.

Based on NMU's 2025-2026 University Bulletin

For further information regarding the selection and transfer of courses, contact one of NMU's Transfer Admissions Counselors, at 1-800-682-9797 or transfer@nmu.edu.

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We the representatives of Keweenaw Bay Ojibwa Community College and Northern Michigan University agree to the terms of this agreement, which will be for an initial period of three (3) years.

Signatures

Keweenaw Bay Ojibwa Community College

Melissa Kiesewetter 4/29/2026

Melissa Kiesewetter Date
President of Keweenaw Bay Ojibwa Community College

Megan Haataja 4/28/2026

Megan Haataja Date
Dean of Academic Affairs

Andrew Kozich 4/28/2026

Andrew Kozich Date
Environmental Science Department Chair

Northern Michigan University

Dr. Chris Olsen 4/29/2026

Dr. Chris Olsen Date
President of Northern Michigan University

Dr. Dale Kapla 4/29/2026

Dr. Dale Kapla Date
Associate Provost for Academic Affairs