

ARTICULATION AGREEMENT

Between

North Central Michigan College
A.A. Degree with a concentration in Environmental and
Sustainability Studies

And

Northern Michigan University
College of Arts and Sciences
B.S. Degree in Environmental Studies and Sustainability

(September 21, 2023)

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Article I **Agreement on Principle**

Northern Michigan University (NMU) and North Central Michigan College (NCMC) 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 North Central Michigan College agree to enter into this curriculum articulation agreement for students who complete the A.A. degree with a concentration in Environmental and Sustainability Studies at North Central Michigan College and transfer to NMU to complete the Bachelor of Science Degree in Environmental Studies and Sustainability. 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 (NMU) and North Central Michigan College (NCMC) 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 Studies and Sustainability at Northern Michigan University. Students who follow this articulated program agreement must apply and be admitted to Northern Michigan University. North Central Michigan 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 (NMU) and North Central Michigan College (NCMC) 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 Vice President of Academic Affairs at North Central Michigan 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, North Central Michigan 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.

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 (World Cultures 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 <https://nmu.edu/bulletin/bachelor-degree-program-14>. 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.

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Effective Dates of this Articulation Agreement **September 21, 2023 -September 21, 2026**

Introduction:

The purpose of this articulation agreement is to provide a smooth transition for students who want to earn an A.A. degree with a concentration in Environmental and Sustainability Studies at North Central Michigan College prior to a transfer to Northern Michigan University to complete a B.S. degree in Environmental Studies and Sustainability. As displayed in this document, the first and second years of coursework are completed at North Central Michigan College and third and fourth years at NMU.

The Earth, Environmental and Geographical Sciences Department offers a variety of programs in earth science, geographical information systems and technology, environmental science and environmental studies and sustainability, along with a certificate program in geographic information systems (GIS). The department is committed to excellence in teaching and preparing students for professional careers in education, governmental services, the private sector and graduate study.

Geographical science – the basis for the environmental studies and sustainability program – is an integrative discipline. Students must have a basic understanding of the social and environmental aspects of the discipline and its methodologies. The department's core curriculum consists of courses in human and physical geography, methods courses and a capstone course that integrates the human and physical aspects of the environment.

Environmental studies and sustainability majors have the opportunity to gain practical work experience through internships with state and federal governmental agencies, non-profit organizations and businesses in the private sector.

Effective Dates:

The effective dates of this agreement are from **September 21, 2023-September 21, 2026**. If this agreement is not renewed at the end of the effective period, students who have already started this articulated program at North Central Michigan 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.

First and Second Years at North Central Michigan College:

The first and second years of NMU's Environmental Studies and Sustainability, B.S. degree is North Central Michigan College, A.A. concentration in Environmental and Sustainability Studies. 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. The following section displays North Central Michigan College's A.A. degree with restricted selections to meet requirements within NMU's General Education Program:

| NCMC Course # | North Central Michigan Community College Course Title | Credit Hours | NMU Equivalent | NMU Degree Requirements |
|----------------------------------|---|---------------------|-------------------------------|---|
| | Semester One (Fall) | 15-16 | | |
| COM 111 or COM 170 | Public Speaking or Interpersonal Communication | 3 | SP 100 or SP 110 | MTA / General Education |
| ENG 111 | English Composition I | 3 | EN 111 | MTA / General Education |
| MATH 128 or MATH 130 or STAT 200 | Quantitative Reasoning or College Algebra or Statistics | 3-4 | MA 1001 or MA 111 or DATA 109 | MTA / General Education / Math Competency |
| PHL 109 | Contemporary Moral Issues | 3 | PL 180 | MTA/ General Education |
| SOC 175 | Introduction to Sustainable Living | 3 | GC 1009 | ENSS Elective |
| | Semester Two (Winter) | 17-20 | | |
| ENG 112 | English Composition II | 3 | EN 211 | MTA/General Education / English Composition |
| ENG 251 or HUMANITIES | Contemporary Literature or NCMC Humanities Course | 3-4 | HUME 1009 | MTA/General Education |
| GEO 121 | World Geography | 4 | GC 164 | Major/General Education |
| Science Requirement | Choose one course from the NCMC Science Requirement list | 4-5 | | MTA/General Education |
| Additional Requirement | | 3-4 | | General Elective |
| | Semester Three (Fall) | 13-14 | | |
| ENV 255 | Paradigms in Sustainability | 3 | GC 269 | Major |
| GEO 111 | Environmental Geography | 3 | GC 100 | Major |
| GIS 110 | Introduction to Geographic Information Systems I | 3 | GC 335 | Major |
| Science Requirement | Choose one course from the NCMC Science Requirement list | 4-5 | | MTA/General Education |
| | Semester Four (Winter) | 13-16 | | |
| ENG 251 or HUMANITIES | Contemporary Literature or Humanities Course | 3-4 | HUME 1009 | MTA/General Education |
| ENVS 260 | Sustainability on Campus and in Community | 3 | GC 1009 | ENSS Elective |
| ENVS 265 | Environmental Policy in the 21 st Century | 3 | GC 320 | Major |
| ECO 220 | Introduction to Environmental Economics (recommended transfer elective) | 3 | EC 345 | ENSS Elective |
| Transfer Elective | Transfer Elective (if needed to meet the program requirement of 60 credits) | 3 | | General Elective (if needed) |
| | Total Credit Hours: | 60-66 | | |

Third and Fourth Years at NMU...

The third and fourth years of NMU's Environmental Studies and Sustainability B.S. Degree are comprised of at least 30 credits in the major and additional credits to reach the minimum 120 total credits required to earn a Bachelor of Science in Environmental Studies and Sustainability Degree. To qualify for a bachelor's degree at NMU, students must meet all graduation requirements, which include the courses listed below.

| NMU Course # | NMU Course Title | Credit Hours | NMU Degree Requirements |
|----------------------------|---|--------------|-------------------------|
| GC 101 | Introduction to Environmental Science | 4 | Major |
| GC 205 | Introduction to Geographic Research | 4 | Major |
| GC 220 | Economic Geography | 4 | Major |
| GC 225 | Introduction to Maps | 2 | Major |
| GC 235 | Quantitative Methods | 4 | Major |
| GC 310 | Urban Geography | 4 | Major |
| GC 360 | Population Geography | 4 | Major |
| GC 489 | Human-Environment Capstone | 4 | Major |
| | Additional Electives to meet the 120 credit Requirement for a Bachelor's Degree | 24-30 | Electives |
| Total Credit Hours: | | 54-60 | |

Suggested Course Sequence:

| Third Year | Fourth Year |
|--|--|
| <u>Fall Semester:</u> GC 101 4 cr GC 225 (with MA 100 or higher math placement) 2 cr General Electives 8 cr Semester Total: 14 cr. | <u>Fall Semester:</u> GC 220 4 cr GC 310 4 cr General Elective 4-8 cr Semester Total: 12-16 cr. |
| <u>Winter Semester:</u> GC 205 4 cr GC 235 (pre-requisite of completion of DATA 109 or math placement at MA 115) 4 cr General Electives 4-8 cr Semester Total: 12-16 cr. | <u>Winter Semester:</u> GC 360 4 cr GC 489 4 cr General Electives 4-8 cr Semester Total: 12-16 cr. |

Additional Graduation Requirements:

1. At least 8 credits of the major in Environmental Studies and Sustainability must be earned at NMU.
2. Students must earn an overall GPA of 2.00, and minimum cumulative grade point average of 2.25 for all courses constituting the major curriculum.
3. At least 4 credit hours of a minor must be earned at NMU, should a student choose to add a minor, which is optional.
4. A total of 120 credit hours with a minimum of 30 earned at NMU, and a minimum NMU GPA of 2.0 must be earned for any degree.
5. Students majoring in programs in the department must also successfully complete any prerequisites for each major course enrolled in as described in the bulletin.
6. NMU's General Education Program and all graduation requirements must be completed by the student, including the World Cultures requirement, Laboratory Science requirement, and Math and English Competency requirement.

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 adviser for the Earth, Environmental and Geographical Sciences Department at NMU early, before completing an admission application to NMU; and
3. A copy of the articulation agreement should be brought to 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 2023 -2024 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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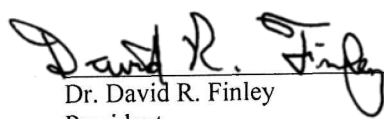
College of Arts and Sciences

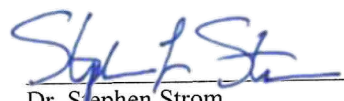
B.S. Degree in Environmental Studies and Sustainability

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

Signatures

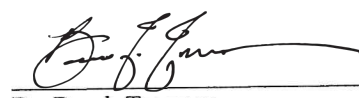
North Central Michigan College

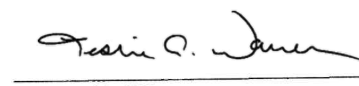
 9/21/2023
Date
Dr. David R. Finley
President

 9/11/2023
Date
Dr. Stephen Strom
Vice-President of Academic Affairs

 9/11/23
Date
Dr. Sara Glasgow
Dean of Arts and Sciences

Northern Michigan University

 10/03/23
Date
Dr. Brock Tessman
President

 9/21/2023
Date
Dr. Leslie Warren
Interim Associate Provost and
Vice President for Faculty Affairs

CC: NMU Department Head: Dr. Susy Ziegler, Earth, Environmental & Geographical Sciences
NMU Registrar
NMU Director of Admissions
NMU Transfer Admissions Counselor
NMU Director of Student Success Office