This Agreement is entered into between Minneapolis Community and Technical College, 1501 Hennepin Avenue, Minneapolis, MN 55403 (hereinafter sending institution), and Bemidji State University 1500 Birchmont Drive NE, Bemidji, MN 56601-2699 (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established a Environmental Science A.S. (hereinafter sending program), and the receiving institution has established a Environmental Studies, B.S. (Ecosystems Emphasis) (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

**Admission and Graduation Requirements**

A. The receiving institution’s admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
B. Students must fulfill the graduation requirements at both institutions.
C. Students must complete the entire sending program and meet the receiving institution’s admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

**Transfer of Credits**

A. The receiving institution will accept 60 credits from the sending program. A total of 60 credits remain to complete the receiving program.
B. Courses will transfer as described in the attached Program Transfer Table. For system institutions, once the courses are encoded, they will transfer as described in the “Transferology” audit.

**Implementation and Review**

A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
B. This Transfer Agreement is effective on 7/23/2021 and shall remain in effect until 7/22/2026 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
D. This Transfer Agreement will be reviewed by both parties beginning 1/22/2026 (within six months of the end date).
E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.
# PROGRAM TRANSFER TABLE

Check if the sending program ___ or receiving program ___ is new.

<table>
<thead>
<tr>
<th>Institution (sending)</th>
<th>University (receiving)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minneapolis Community and Technical College</td>
<td>Bemidji State University</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program name (sending)</th>
<th>Program name (receiving)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Science</td>
<td>Environmental Studies (Ecosystems Emphasis)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Award Type (e.g., AS) (sending)</th>
<th>Award Type (receiving)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.S.</td>
<td>B.S.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Length (sending)</th>
<th>Credit Length (receiving)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-61</td>
<td>120</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CIP code (6-digit) (sending)</th>
<th>CIP code (6-digit) (receiving)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.0104</td>
<td>03.0103</td>
</tr>
</tbody>
</table>

Describe program admission requirements (if any)

Instructions
- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a “substitution” only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.
  
(To add rows, place cursor outside of the end of a row and press enter.)

## SECTION A - Minnesota Transfer Curriculum-General Education

<table>
<thead>
<tr>
<th>course prefix, number and name (sending)</th>
<th>Goal(s) (^1)</th>
<th>Credits</th>
<th>course prefix, number and name (receiving)</th>
<th>Goal(s)</th>
<th>Credits Applied</th>
<th>Equiv/Sub/Wav</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNTC Goal Area 1 Course CMST 1650 Environmental Communication is recommended</td>
<td>1</td>
<td>3</td>
<td>MNTC equivalent goal area and credits</td>
<td>1</td>
<td>3</td>
<td>Equiv</td>
</tr>
<tr>
<td>ENGA 1110 College Composition or ENGL 1110 College Composition</td>
<td>1</td>
<td>3</td>
<td>ENGL 1151 Composition</td>
<td>1</td>
<td>3</td>
<td>Equiv</td>
</tr>
<tr>
<td>ENGL 111 Research and Comp. for Change</td>
<td>1</td>
<td>3</td>
<td>ENGL 2152 Argument and Exposition</td>
<td>1</td>
<td>3</td>
<td>Equiv</td>
</tr>
<tr>
<td>GEOL 1100 Physical Geology</td>
<td>3, 10</td>
<td>4</td>
<td>GEOL 1110 Physical Geology</td>
<td>3, 10</td>
<td>4</td>
<td>Equiv</td>
</tr>
<tr>
<td>MATH 1110 College Algebra, (4 credits) or MATH 1119 Pre-Calculus 1, (4 credits) or MATH 1120 Pre-Calculus 2, (3 credits) or MATH 1180 Calculus 1, (5 credits)</td>
<td>4</td>
<td>3-5</td>
<td>MATH 1170 College Algebra MNTC equivalent goal area and credits MATH 2471 Calculus</td>
<td>4</td>
<td>3-5</td>
<td>Equiv</td>
</tr>
</tbody>
</table>

\(^1\) MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university
ECON 2200 Principles of Microeconomics  5, 8  3
ECON 2000 Markets & Resource Allocation  5, 8  3
INFS 2010 Research Methods with People & the Environment Focus  2, 10  3
MNTC equivalent goal area and credits  2, 10  3

Choose a MNTC Goal Area 6 Course

PHIL 2171 Environmental Ethics or WGSS 2212 Gender, Health and Environment are recommended  6, 10  3
MNTC equivalent goal area and credits  6, 10  3

BIOL 2200 Biology 1  3  4
BIOL 1400 Cellular Principles  3  4
BIOL 2202 Biology 2  3  4
BIOL 1500 Diversity of Life  3  4
BIOL 2245 Ecology  3, 10  4
BIOL 2610 General Ecology  3, 10  4

CHEM 1151 Principles of Chemistry 1  3  5
CHEM 2211 Principles of Chemistry I  3  5
CHEM 1152 Principles of Chemistry 2  3  5
CHEM 2212 Principles of Chemistry II  3  5

MATH 1140 Introductory Statistics or MATH 1150 Statistical Analysis  4  4
BUAD2231 Business Statistics or STAT 2610 Applied Statistics  4  4

MnTC/General Education Total  51-53

Special Notes, if any: Students are required to successfully complete coursework from six of the 10 goal areas of the MNTC. Students must complete MNTC Goal Area 1 and three credits from Goal Areas 7, 8, 9 or 10

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: “Choose two of the following three courses;” Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select).

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses

*BIOL 2200 Biology 1  0  0  0
*BIOL 2202 Biology 2  0  0  0
*BIOL 2245 Ecology  0  0  0

*MATH 1140 Introductory Statistics or MATH 1150 Statistical Analysis  0  0  0

Choose 8 credits from the list below:

**ASTR 1100 Astronomy (4 cr.)
** BIOL 1136 and BIOL 1127 Environmental Science (4 cr.)
**BIOL 2224 Anatomy (4 cr.)
**BIOL 2225 Physiology (4 cr.)
**BIOL 2250 Plant Biology (4 cr.)
BIOL 2260 Animal Biology (4 cr.)
BIOL 2500 Molecular Biology (4 cr.)
CHEM 2204 Organic Chemistry I (4 cr.)
CHEM 2224 Organic Chemistry I Lab (2 cr.)
CHEM 2205 Organic Chemistry II (4 cr.)
CHEM 2225 Organic Chemistry II Lab (2 cr.)
CHEM 2610 and CHEM 2620 Biochemistry Theory and Principles and Lab (5 cr.)
CHEM 2722: Undergraduate Research Methods (2 cr.)
CHEM 2723: Undergraduate Research Laboratory (4 cr.)

PHYS 1131: College Physics I (5 cr.)
PHYS 1132: College Physics II (5 cr.)

PHYS 1211: Physics for Science and Engineering 1 (6 cr.)
PHYS 1221: Physics for Science and Engineering 2 (6 cr.)

Restricted elective credits - list courses (if none enter 0)

Unrestricted elective credits (if none enter 0)  0-1

College's unrestricted elective credits accepted in transfer (if none enter 0)

Major, Emphasis, Unrestricted Electives Total  8-9

Total College Credits Applied (sum of sections A and B)  60-61

Special Notes: * Credits from courses in section B are counted in Section A of this agreement. Students not taking BIOL 1136 and BIOL 1137 Environmental Science with Lab at the college will need to take ENVR 2000 Intro. to Environmental Science at the university. **CHEM 3311, 3371, 3312, and 3372 will transfer to the university as upper division credits.
## SECTION C - Remaining University (Receiving) Requirements

<table>
<thead>
<tr>
<th>course prefix, number and name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remaining Liberal Education/MNTC Credits Requirements</td>
<td>9-14</td>
</tr>
</tbody>
</table>

### I REQUIRED CORE COURSES

| ENVR 2000 Intro. to Environmental Science | 0-3 |
| ENVR 3880 Environmental Controversies (2 credits) | 2 |
| ENVR 4880 Senior Seminar I (1 credit) | 1 |

Select 1 of the following courses

- ENVR 4970 Internship (3 credits)
- ENVR 4990 Thesis (3 credits)

Select 1 of the following courses

- ENVR 3600 Environmental Justice and Sustainability (3 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- ENVR 4610 Sustainability: Theory and Practice (4 credits)

Select 1 of the following courses

- ENVR 4220 Sampling and Analysis (4 credits)
- GEOL 3120 Soils (4 credits)
  or BIOL 3120 Soils (4 credits)
- GEOL 3211 Environmental Hydrology (3 credits)

### ECOSYSTEM STUDIES EMPHASIS

Select 34 credits from the following courses that have not been completed in the core.

- ENVR 3040 Environmental Economics (3 credits)
  or ECON 3040 Environmental Economics (3 credits)
- ENVR 3300 Environmental Management and Safety (3 credits)
- ENVR 3600 Environmental Justice and Sustainability (3 credits)
- ENVR 3700 Natural Resource Management (3 credits)
- ENVR 3840 Wetlands Ecology (3 credits)
  or BIOL 3840 Wetlands Ecology (3 credits)
- ENVR 4110 Environmental Chemistry (3 credits)
- ENVR 4200 Wastewater Treatment (3 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- ENVR 4400 Environmental Microbiology (3 credits)
  *GEOG 3231 Intro. to Geographic Information Systems (3 credits)
- GEOG 3232 Intermediate Geographic Information Systems (3 credits)
- GEOG 3255 Introduction to Remote Sensing (3 credits)
- GEOG 3630 Conservation Biology (3 credits)
  or BIOL 3630 Conservation Biology (3 credits)
- GEOG 4130 Biogeography (3 credits)
- GEOG 4140 Landscape Ecology (3 credits)
- GEOG 4265 Spatial Analysis (3 credits)
- GEOG 4275 Advanced Geographic Information Systems (3 credits)
- GEOL 3120 Soils (4 credits)
  or BIOL 3120 Soils (4 credits)
- GEOL 3211 Environmental Hydrology (3 credits)
- GEOL 3212 Hydrogeology (3 credits)
- GEOL 3700 Environmental Geophysics (3 credits)
- GEOL 4300 Global Environmental Change (3 credits)

University unrestricted elective credits not counted elsewhere (if none enter 0)
### SECTION D - Summary of Total Program Credits

<table>
<thead>
<tr>
<th>College (sending) Credits</th>
<th>University (receiving) Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MnTC/General Education</strong></td>
<td>52-53</td>
</tr>
<tr>
<td>Major, Emphasis, Unrestricted Electives or Other</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total College Credits</strong></td>
<td>60-61</td>
</tr>
<tr>
<td><strong>Total College Credits Applied</strong></td>
<td>60-61</td>
</tr>
<tr>
<td><strong>Remaining credit to be taken at the university (receiving institution)</strong></td>
<td>60</td>
</tr>
<tr>
<td><strong>Total Program Credits</strong></td>
<td>120-121</td>
</tr>
</tbody>
</table>

**Special Notes, if any:**
- At least 40 of the required credits for the baccalaureate degree shall be at the upper-division level. If a lower division course is shown as equivalent to an upper division course, check with the university to determine if it will count toward the 40 required credits of upper division.

### College Chief Academic Officer

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP of Academic Affairs</td>
<td>Dr. Gail O’Kane <a href="#">Digitally signed by Gail O’Kane Date: 2021.08.20 13:39:17 -05'00'</a></td>
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</tbody>
</table>

### University Chief Academic Officer

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provost</td>
<td>Dr. Allen Bedford <a href="#">Digitally signed by Allen Bedford Date: 2021.08.20 09:16:31 -05'00'</a></td>
</tr>
</tbody>
</table>

### DARS Encoder

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>DARS Encoder</td>
<td>Beverly Hodgson <a href="#">Digitally signed by Bev Hodgson Date: 2021.08.19 15:20:16 -05'00'</a></td>
</tr>
</tbody>
</table>

Date when equivalencies were verified/encoded in DARS by the receiving Minnesota State institution.

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July 23, 2021