MINNESOTA STATE COLLEGES AND UNIVERSITIES* TRANSFER AGREEMENT BETWEEN	Vermilion Community College AND Bemidji State University
*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.	

This Agreement is entered into between Vermilion Community College, 1900 E. Camp St. Ely, MN 55731 (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 **Watershed Science A.S.** (hereinafter sending program), and the receiving institution has established a **Aquatic Biology B.S. (Aquatic Systems 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 60-64 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 12/3/2020 and shall remain in effect until 12/2/2025 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 6/2/2025 (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.

	College (sending)	University (receiving)
Institution	Vermilion Community College	Bemidji State University
Program name	Watershed Science	Aquatic Biology (Aquatic Systems Emph.)
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)	40.0605	26.1304
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

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) [1]	Credits	course prefix, number and name	Goal(s)[1]	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
BIOL 1541 College Biology I	3	4	BIOL 1400 Cellular Principles	3	4	Equiv
ENGL 1511 College Composition I	1	4	ENGL 1151 Composition	1	4	Equiv
BIOL 1542 College Biology II	3	4	BIOL 1500 Diversity of Life	3	4	Equiv
CHEM 1511 Fund. of College Chemistry or CHEM 1551 General Chemistry I	3	4	MNTC Equivalent Credits & Goal Area or CHEM 1111 General Chemistry I	3	4	Equiv
MATH 1521 College Algebra	4	3	MATH 1170 College Algebra	4	3	Equiv
GEOL 1557 Physical Geology	3	4	GEOL 1110 Physical Geology	3	4	
MATH 1546 Introduction to Statistics	4	3	STAT 2610 Applied Statistics	4	3	Equiv
PHIL 1551-Introduction to Ethics or SOC 1555 –Introduction to Sociology	6, 9 or 5,7	3	PHIL 2220 Ethics or SOC 1104 Society and Social Issues	6, 9 or 5,7	3	Equiv
POLS 1557 State and Local Government	5, 9	3	MNTC Equivalent Credits & Goal Area	5, 9	3	Equiv
ESCI 1559 Meteorology	3	3	SCI 2200 Meteorology	3	3	Equiv
MnTC/General Education Total		35				

Special Notes, if any: Remaining MnTC requirements may be completed at the college or university.

[1] MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

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: "Chose 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				
NRT 1211 Forest Field Skills	3	General Elective Credit	3	
WSHD 2258 Soils and Hydrology	3	GEOL 3212 Hydrogeology	3	Equiv
WSHD 1656 Environmental Compliance	3	ENVR 4210 Environmental Law and Policy	3	Equiv
NRT 2315 Introduction to GIS	2	GEOG 3231 Intro to Geographic Info. Systems	2	Equiv
WSHD 1255 Water Resource Field Visits	1	General Elective Credit	1	
WSHD 2265 Water and Wastewater Analysis	5	CHEM 3150 Standard Methods of Water Analysis	5	Equiv
BIOL 2455 Limnology (3 Cr) and BIOL 2449 Ecology and MNGT. of Northern Fisheries (2 Cr)	5	BIOL 3361 Limnology I (4 Cr) General Elective Credit (1 Cr)	5	Equiv
WSHD 2267 Watershed Management	3	General Elective Credit	3	
Restricted elective credits - list courses (if none enter 0)				
Unrestricted elective credits (if none enter 0)		College's unrestricted elective credits accepted in transfer (if none enter 0)		
Major, Emphasis, Unrestricted Electives Total	25	**Total College Credits Applied (sum of sections A and B)**	60	

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Remaining Liberal Education/MnTC Requirements	12
Required Biology Core	
BIOL 2360 Genetics	4
BIOL 2610 General Ecology	3
REQUIRED AQUATIC BIOLOGY CORE COURSES	
BIOL 3362 Streams and Rivers	4
BIOL 3830 Aquatic Plants and Algae	4
BIOL 4200 Freshwater Invertebrates	4
BIOL 4534 Ichthyology	4
Required Capstone Project (Select 1,2, or 3)	
1. BIOL 4894 Advanced Research Project I (2 Cr) or 2. BIOL 4895 Advanced Research Project II (2 Cr) or 3. BIOL 4894 Advanced Research Project I (2 Cr) and BIOL 4895 Advanced Research Project II (2 Cr)	2-4
Aquatic Systems Emphasis	
BIOL 3850 Marine Biology	3
Select Nine Credits from the Following BIOL 3310 Entomology (4 Cr) BIOL 3420 Human Dimensions of Wildlife and Fisheries Management (3 Cr) BIOL 3610 Principles of Wildlife Management (3 Cr) BIOL 3630 Conservation Biology (3 Cr) or GEOG 3630 Conservation Biology (3 Cr) BIOL 3723 Ecosystem Ecology (3 Cr) BIOL 4620 Evolution (3 Cr) GEOG 3232 Intermediate Geographic Information Systems (3 Cr)	9
Upper Division Biology Electives	3-4
REQUIRED COURSES IN RELATED FIELDS	
CHEM 1112 General Chemistry II (4 Cr) or CHEM 2212 Principles of Chemistry II (4 Cr)	4

	Select one of the Following courses: PHYS 1101 General Physics I (4 Cr) PHYS 2101 Physics I (5 Cr)	4-5
	University unrestricted elective credits not counted elsewhere (if none enter 0)	
	Total Remaining University Credits[2]	60-64
Special Notes, if any: To complete MnTC requirements in 12 credits, some courses will have to cover multiple goal areas.		

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	35		
Major, Emphasis, Unrestricted Electives or Other	25		
Total College Credits	60	**Total College Credits Applied**	60
		Remaining credit to be taken at the university (receiving institution)	60-64
		Total Program Credits	120-124
Special Notes, if any:			

[2] 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	Name	Signature	Date
Provost Title	Mr. Shawn Bina	Shawn Bina Digitally signed by Shawn Bina Date: 2020.12.30 11:40:05 -06'00'	
University Chief Academic Officer	Name	Signature	Date
Provost Title	Dr. Allen Bedford	Allen Bedford Digitally signed by Allen Bedford Date: 2020.12.22 16:03:20 -06'00'	
DARS Encoder	Beverly Hodgson	Bev Hodgson Digitally signed by Bev Hodgson Date: 2020.12.16 08:55:35 -06'00'	
Date when equivalencies were verified/encoded in DARS by the receiving Minnesota State institution.			