

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
TRANSFER AGREEMENT
BETWEEN

Minnesota North 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 **Minnesota North College-Itasca Campus, 1515 E. 25th St, Hibbing, MN 55746** (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 **Natural Resources-Geospatial AAS** (hereinafter sending program), and the receiving institution has established a **Geography BS (GIS 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 **64** 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 **March 15, 2023** and shall remain in effect until **March 14, 2028** 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 **October 14, 2027** (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	Minnesota North College	Bemidji State University
Program name	Natural Resources-Geospatial	Geography (GIS Emphasis)
Award Type (e.g., AS)	AAS	B.S.
Credit Length	64	120
CIP code (6-digit)	03.0506	45.0701

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) <small>1</small>	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
COMM 1210 Intro to Communication or COMM 1215 Public Speaking or COMM 1220 Interpersonal Communication	1	3	MnTC Equivalent goal area and credits COMM 1100 Public Speaking MnTC Equivalent goal area and credits	1	3	Equiv
ENGL 1231 College Composition 1	1	4	ENGL 1151 Composition	1	4	Equiv
ENGL 1240 Technical Report Writing	1	3	ENGL 2150 Technical Writing	1	3	Equiv
NSCI 1220 Environmental Science	3, 10	3	ENVR 2000 Intro to Env. Studies	3, 10	3	Equiv
ECON 1200 Intro to Economics	5, 8	3	MnTC Equivalent goal area and credits	5, 8	3	Equiv
MnTC/General Education Total		16				

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				
BIOL 1131 Dendrology	3	BIOL 3170 Dendrology	3	Equiv
GEOG 1204 Principles of GIS	3	* GEOG 3231 Introduction to Geographic Information Systems	3	Equiv
FORT 1201 Intro to Natural Resources	1	General Elective Credits	1	
FORT 1205 Forestry Math	2	General Elective Credits	2	
FORT 1206 Forest Protection	2	General Elective Credits	2	
FORT 1212 Forest Inventory	4	General Elective Credits	4	
FORT 1301 Wildland Firefighting	3	General Elective Credits	3	
FORT/NRT 1214 Natural Resource Careers	1	General Elective Credits	1	
FORT 1610 Intro to Surveying	3	General Elective Credits	3	
GEOG 2107 Remote Sensing and Image Interpretation	3	* GEOG 3255 Introduction to Remote Sensing	3	Equiv
ALHE 1400 Basic Life Support/CPR or EMSV 1400 Emergency Medical Responder	1 3	General Elective Credits General Elective Credits	1 3	
BIOL 2131 Forest Ecology	4	General Elective Credits	4	
FORT 2105 Wood Products	2	General Elective Credits	2	
GEOG 1201 Map Use and Analysis	3	GEOG 1224 Intro to Map Use	3	
FORT 2016 Principles of Silviculture	3	General Elective Credits	3	
FORT 2107 Forest Management and Planning	3	General Elective Credits	3	
GEOG 2104 Modeling Techniques in GIS	3	* GEOG 3232 Intermediate Geographic Information Systems	3	Equiv
GEOG 2201 GIS Internship	1	General Elective Credits	1	
GEOG 2206 Cartography	3	* GEOG 3226 Cartography	3	Equiv
**ENGL 1240 Technical Report Writing	0	**ENGL 2150 Technical Writing	0	Equiv
**NSCI 1220 Environmental Science	0	**ENVR 2000 Intro to Env. Studies	0	Equiv
Major, Emphasis, Unrestricted Electives Total	48-50	Total College Credits Applied (sum of sections A and B)	64-66	

Special Notes: * GEOG 3231, GEOG 3255, GEOG 3232 and GEOG 3226 will count toward the university's upper division requirement. ** Courses in section B. are required for the major and are also part of the MnTC. Course credits are reflected in area A of this agreement.

SECTION C - Remaining University (receiving) Requirements

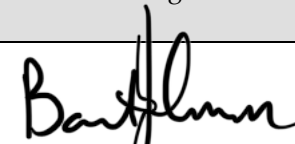
	course prefix, number and name	Credits
	**Remaining credits to complete MnTC and general elective credits to complete graduation requirements.	26
	BUAD 2231 Business Statistics I or or PSY 3401 Basic Statistics for Research or or STAT 2610 Applied Statistics	3-4
	Complete one of the following ***GEOG 3410 Geography of North America or GEOG 3800 Regional Geography or ***GEOG 3810 Geography of Europe or ***GEOG 3820 Geography of East, South, and SE Asia or GEOG 3840 Geography of Africa or GEOG 3850 Geography of the Middle East or GEOG 3860 Geography of Latin America and the Caribbean or ***GEOG 3870 Regional Geography - World Cities	3
	GEOG 4265 Spatial Analysis	3
	CS 1309 Problem Solving and Computation	3
	CS 2270 Introduction to Web Programming	3

	CS 2321 Computer Science I	4
	Complete one of the following	
	*** GEOG 2100 Introduction to Physical Geography or *** GEOG 2200 Introduction to Human Geography	3
	GEOG 4275 Advanced Geographic Information Systems	3
	GEOG 4970 Internship	3
	Select 1 of the following courses:	
	***GEOG 2400 Introduction to Planning (3 credits) GEOG 3125 Weather and Climate (3 credits) ***GEOG 3400 Economic Geography (3 credits) GEOG 3560 Metropolitan Land Use Planning (3 credits) GEOG 3580 Regional Development Planning (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 4190 Qualitative Methods in Geographic Research (3 credits)	3
	BUAD 4385 Data Modeling and Design (3 credits) CS 2322 Computer Science II (4 credits) CS 3270 Advanced Web Programming (3 credits) CS 3507 Introduction to Databases (3 credits) ***ECON 2000 Markets and Resource Allocation (3 credits) ECON 3040 Environmental Economics (3 credits) or ENVR 3040 Environmental Economics (3 credits) GEOL 3120 Soils (4 credits) or BIOL 3120 Soils (4 credits) GEOL 4300 Global Environmental Change (3 credits) STAT 3610 Time Series Analysis (3 credits) TADT 1460 2D Graphics And Laser Etching (3 credits)	
	Total Remaining University Credits²	57

Special Notes, if any: ** Some courses may need to be upper division to meet the university's 40 credit upper division requirement. *** Courses will count toward the major as well as the MnTC. Credits will not be counted twice.

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	16		
Major, Emphasis, Unrestricted Electives or Other	48-50		
Total College Credits	64-66	Total College Credits Applied	64-66
		Remaining credit to be taken at the university (receiving institution)	57
		Total Program Credits	121-123
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
Vice President of Academic Affairs	Dr. Bart Johnson		11/29/23
Title			

University Chief Academic Officer	Name	Signature	Date
Provost Title	Dr. Allen Bedford		
DARS Encoder	Beverly Hodgson		
Transfer Credit Evaluator	Anna Riedel		
Date when equivalencies were verified/encoded in DARS by the receiving Minnesota State institution.			