

**MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN**

**ITASCA COMMUNITY COLLEGE  
AND  
MINNESOTA STATE UNIVERSITY MOORHEAD**

\*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 **ITASCA COMMUNITY COLLEGE** (hereinafter sending institution), and **MINNESOTA STATE UNIVERSITY MOORHEAD** (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 **Geography/ Geographic Information Systems (GIS) AS** (hereinafter sending program), and the receiving institution has established a **Geosciences BS with Geographical Sciences 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.

**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 Articulation 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 Articulation Agreement is effective on **04/15/2016** and shall remain in effect until the end date of **04/15/2021** 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 Articulation Agreement will be reviewed by both parties beginning **10/15/2020** (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 ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	<b>Itasca Community College</b>	<b>Minnesota State University Moorhead</b>
Program name	Geography/ Geographic Information Systems (GIS)	Geosciences BS with Geographical Sciences Emphasis
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)	450702	400699
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

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) <sup>1</sup>	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	Credits Applied	Equiv Sub Wav
<b>Minnesota Transfer Curriculum-General Education</b>						
ENGL 1101 Composition I	1	4	ENGL 101 English Composition	1, 2	4	Equiv
*SPCH 1101 Intro to Speech Comm <b>OR</b> *SPCH 1105 Fund of Public Speaking <b>OR</b> SPCH 1111 Interpersonal Comm	1	3	COMM 100 Speech Communications <b>OR</b> COMM 100 Speech Communications <b>OR</b> MnTC Goal Area 1	1 1	3 (3)	Equiv Equiv
ENGL 1105 Technical Writing	1	3	MnTC Goal Area 1	1	3	Equiv
MATH 1101 or higher <i>*Recommended:</i> MATH 1111 College Algebra	4	3	MATH 127 College Algebra	4	3	Equiv
GEOG 1101 Physical Geography	3, 9	3	GEOS 110 Introductory Physical Geography	3, 9	3	Equiv
MnTC Goal Area 5 Course	5	3	MnTC Goal Area 5 Course	5	3	
MnTC Goal Area 6 Courses	6	6	MnTC Goal Area 6 Course	6	6	
MnTC Goal Area 6 (Area B)	6	3	MnTC Goal Area 6 Course	6	3	
MnTC Elective	1 - 10	3	MnTC Goal Area Course	1 - 10	3	
<b>MnTC/General Education Total</b>		<b>31</b>				

**Special Notes, if any:** The MnTC Goal areas are completed with the completion of the Geography/ Geographic Information Systems (GIS) AS.

<sup>1</sup> 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				
GEOG 1204 Principles of GIS AND GEOG 2104 Modeling Techniques in GIS	6	GEOS 307 Introduction to GIS	6	Equiv
GEOG 1206 Cartography	3	GEOS 210 Cartography	3	Equiv
GEOG 2113 GIS Applications AND GEOG 1201 Map Use, Analysis & Interp	4	GEOS 205 Thinking Spatially	4	Equiv
GEOG 1108 Cultural Geography (MnTC Goals 5, 7)	3	GEOS 111 Cultures and Regions	3	Equiv
GEOG 2107 Remote Sensing & Image Int	3			
GEOG 1300 Weather & Climate (MnTC Goals 3, 10)	4		13	
GEOG 1104 World Regional Geography (MnTC Goals 5, 8)	3			
GEOG 2201 GIS Internship	3			
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>29</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>60</b>	

**Special Notes, if any:**

### SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	ANTH 307 Ecological Anthropology (Goal Area 10)	3
	GEOS 207 GPS Field Techniques	3
	GEOS 305 Oceanography	3
	GEOS 310 United States and Canada	3
	GEOS 320 Economic Geography (Writing Intensive)	3
	GEOS 325 Reading landscape: Ways of Seeing	3
	GEOS 330 Elementary Meteorology (Writing Intensive)	3
	GEOS 335 Environmental Geography & Conservation	3
	GEOS 492 Senior Seminar	1
	Restricted Electives	9
	Electives**	26
	<b>Total Remaining University Credits<sup>2</sup></b>	<b>60</b>

**Special Notes, if any:** \*\* Use the electives to meet the requirement of at least 40 upper division credits.

### SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	31		
Major, Emphasis, Unrestricted Electives or Other	29		
<b>Total College Credits</b>	<b>60</b>	<b>Total College Credits Applied</b>	<b>60</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>60</b>
		<b>Total Program Credits</b>	<b>120</b>

**Special Notes, if any:**

<sup>2</sup> 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	Name	Signature	Date
Chief Academic Officer	Bart Johnson	<i>Bart Johnson</i>	4/5/16
Geography Faculty	Timothy Fox	<i>Timothy Fox</i>	4/5/16
Title			
University	Name	Signature	Date
Department Chair	Rinita Dalan	<i>Rinita A. Dalan</i>	
Academic Dean	Jeffrey Bodwin	<i>Jeff Bodwin</i>	2017-03-27
Chief Academic Officer	Joseph Bessie	<i>Joseph Bessie</i>	3/28/17
DARS Encoder	Jolene Richardson	<i>Jolene Richardson</i>	3/30/17
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			