

MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN

**Inver Hills Community College**  
AND  
**Northwestern Health Sciences 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 **Northwestern Health Sciences University** (hereinafter receiving institution), and **Inver Hills Community College** (hereinafter sending 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 an **Associate of Science in Exercise Science** (hereinafter sending program), and the receiving institution has established a **Bachelor of Science Completion in Human Biology** (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 **52 credits** from the sending program. A total of **68 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 uSelect 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 **4/1/2015** and shall remain in effect until the end date of **4/1/2020** 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 **10/1/2019** (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	Inver Hills Community College	Northwestern Health Sciences University
Program name	Associate of Science in Exercise Science	Human Biology
Award Type (e.g., AS)	AS	BS Completion
Credit Length	60	120
CIP code (6-digit)		
Describe program admission requirements		

### 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 and 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.

### SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s)	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	Credits Applied	Equiv Sub Wav
ENG 1108 Writing and Research Skills	1	4	English/Communication		4	Equiv
Select one: ENGL 1111, ENGL 1114, ENGL 1130	1	3	English/Communication		3	Equiv
Select one: COMM 1100, COMM 1110, COMM 2230	1	3	English/Communication		3	Equiv
1 course: Physical Science (CHEM 1010 or CHEM 1061 recommended by NWHSU but not required at Inver Hills Community College) <sup>a</sup>	3	3	Science/Math		3	Equiv
1 course: Biological Science (BIO 1120 or 1154 required, NWHSU recommends 1154) <sup>c</sup>	3	3	Science/Math		3	Equiv

<sup>1</sup> MnTC goal areas transfer to the receiving college/university according to the goal areas designated by the sending college/university

1 course: Math/Logical Reasoning (MATH 1103 Stat recommended, NWHSU recommends 1118 Foundation***) <sup>b</sup>	4	3	Science/Math		3	Equiv
1 course: Social Science/Behavioral Science/History (PSYC 1101 or PSYC 1201 recommended by Inver Hills)	5	3	Social Science		3	Equiv
1 course: Social Science/Behavioral Science/History	5	3	Social Science		3	Equiv
1 course: Social Science/Behavioral Science/History	5	3	Social Science		3	Equiv
1 course: Humanities/Fine Art/Literature	6	3	Humanities/Fine Arts		3	Equiv
1 course: Humanities/Fine Art/Literature	6	3	Humanities/Fine Arts		3	Equiv
1 course: Humanities/Fine Art/Literature	6	3	Humanities/Fine Arts		3	Equiv
Liberal Arts Curriculum Electives		3	Elective credit		3	Equiv
<b>MnTC/General Education Total</b>		40				

**Special Notes, if any:** <sup>a</sup> A student completing CHEM 1061 with a C or better will receive credit for CHEM 2048 General Chemistry. <sup>b</sup> A student completing MATH 1118 or higher with a C or better will receive credit for MATH 1005. <sup>c</sup> Total MnTC credits earned at sending institution may vary per student. Student completing BIO 1154 with a C or better will receive credit for BIOL 2210 Introduction to Biology. The total number of MnTC-General Education credits accepted by receiving institution will be based on the individual student's successfully completed coursework. A max of 30 credits will be accepted to fulfill General Education Requirements at NWHSU. The additional 10 Credits must either fulfill Foundation or Major requirements or will be placed in Technical Electives. A total of 9 credits have been identified above that will fulfill Major/Foundation requirements if completed by a student at Inver Hills Community College.

### 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).

College (sending)		University (receiving)		
course prefix, number and name	Credits		Credits	Equiv Sub Wav
PHED 1100 Introduction to Physical Education, Kinesiology, Exercise and Sports Science	2	Elective credit	2	Equiv
PHED 2100 Anatomical Kinesiology and Biomechanics	3	Elective credit	3	Equiv
HLTH 1110 Nutrition	3	Elective credit	3	Equiv
Select one: HLTH 1125 First Aid: Responding to Emergencies; HLTH 1126 Basic Life Support; HLTH 1127 American Heart Association Heartsaver	1	Elective credit	1	Equiv
HLTH 1155 Lifetime Fitness	2	Elective credit	2	Equiv
BIOL 2201 Anatomy and Physiology I	4	ANAT 1001 Anatomy and Physiology 1	4	Equiv
Elective credit as needed to complete program requirements (select from MnTC, PHED or HLTH, Inver Hills Community College recommends BIOL 2202) <sup>d</sup>	5	Elective credit	5	
<b>Major, Emphasis, Unrestricted Electives Total</b>	At Least 12*	<b>Total College Credits Applied (sum of sections A and B)</b>	At least 52*	

**Special Notes, if any:** <sup>\*</sup>The total number of these credits accepted by receiving institution will be based on individual student's successfully completed coursework. All A.S. Exercise Science curriculum will be accepted as noted above. BIOL 2202 if taken and passed with a C or higher fulfills ANAT 1002 at NWHSU. <sup>d f</sup> The total number of college credits applied will be based

on the individual student's successfully completed coursework and will not be fewer than 53.

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

	course prefix, number and name	Credits
	ANAT 1002 Anatomy and Physiology 2 <sup>d</sup>	4
	CHEM 2048 General Chemistry 1 <sup>a</sup>	4
	CHEM 2049 General Chemistry 2	4
	CHEM 2058 Organic Chemistry 1	4
	CHEM 2059 Organic Chemistry 2	4
	PHYS 2040 General Physics 1: Fundamentals of Physics	4
	PHYS 2041 General Physics 2: Electricity and Magnetism	4
	MATH 1005 Foundations of Math <sup>b</sup>	3
	BIOC 3110 Biochemistry	4
	BIOL 2010 Introduction to Biology <sup>c</sup>	4
	BIOL 2020 Biology Today	2
	BIOL 3010 Cell Biology	4
	BIOL 4010 Microbiology	4
	BIOL 4410 Genetics	4
	CAP 4900 Capstone Project	2
	MEDT 1001 Medical Terminology	1
	Health Professions Core (Requirement of 12 Credits from the following list) -ANTH 1005 Culture and Health (4 credits) -ANTH 2005 Human Origins (4 credits) -HIST 3110 History of Health Care (3 credits) -MAND 3310 Mandarin for Health Professions (3 credits) -PHIL 3010 Epistemology of Health (4 credits) -PSYC 1002 Health Psychology (4 credits) -PSYC 3210 Psychology of Addiction (3 credits) -SOC 1006 Sex and Gender (3 credits) -SPAN 1001 Spanish for Health Professions (3 credits) -UGE 3710 Communication Skills for Health Professionals (3 credits) -UGE 3720 Critical Thinking for Health Professionals (3 credits) -UGE 3730 Bioethics (3 credits) -UGE 2740 Understanding and Using Research (3 credits)	12
	<b>Total Remaining University Credits</b>	<b>68</b>

**Special Notes, if any:** <sup>g</sup> It may be to a student's advantage to complete the following recommended courses as part of their A.S. Exercise Science program at sending institution: BIOL 2202 Anatomy and Physiology II and CHEM 1061 Principles of Chemistry I. Successful completion of these courses may result in a greater number of credits accepted by the receiving institution. <sup>h</sup> MATH 1005 Foundations of Math at the receiving institution can be satisfied with successful completion of MATH 1118 or higher at the sending institution.

### SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements
Section A - MnTC/General Education	40	
Section B - Major, Emphasis, Restricted Electives, Unrestricted Electives or Other	At least 12*	

<b>Total Sending Institution Credits</b>	At Least 52 (up to 60)	<b>Sections A &amp; B - Total Sending Institution Credits Applied</b>	52
		<b>Section C - Remaining credit to be taken at the receiving institution</b>	68
		<b>Total Receiving Institution Program Credits</b>	120

**Special Notes, if any:**

- Southwest Minnesota State University requires:
  - A minimum of 32 credits out of the last 60 credits from Southwest Minnesota State University
  - A minimum of 40 credits at the 300 or 400 level.
  - At least 14 credits in the major must be taken at Southwest Minnesota State University.
  - Completion of Southwest Minnesota State University Liberal Arts Core Curriculum (Minnesota Transfer Curriculum) requirements or completion of the Minnesota Transfer Curriculum at Minnesota West Community and Technical College.
  - A cumulative grade point average (GPA) of at least 2.00 for courses taken while enrolled at Southwest Minnesota State University.
  - Successful completion of the Southwest Minnesota State University graduation requirements for the Bachelor of Science degree.
- The following limitations also apply:
  - Developmental courses shall not be counted toward graduation.
  - No more than 10 credits of successful pass/fail courses outside the major shall be counted toward graduation.

<b>College</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
Chief Academic Officer			
Title			
<b>University</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
President and Chief Executive Officer	Dr. Christopher Cassirer, Sc.D., M.P.H.		
Title			
DARS Encoder			
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			