

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 Biology** (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 **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 **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 Biology	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) ¹	Credits Applied	Equiv Sub Wav
ENG 1108 Writing and Research Skills	1	4	English/Communication		4	Equiv
COMM 1110 Public Speaking or COMM 1100 or COMM 2230 or COMM 2240	1	3	English/Communication		3	Equiv
MATH 1133 Calculus	3	5	MATH 1105 Foundations of MATH plus 2 general elective credits		3 + 2	Sub
Any Courses in Goal 5	5	3	Social Sciences		3	Equiv
Any Course in Goal 6	6	3	Humanities		3	Equiv
Any Courses in Goal 7-10	7-10	3	General Education Electives		3	Equiv
Any Course that meets Liberal Arts Elective (must include 1 Humanities credit and 1 Social Science credit to meet NWHSU requirements)		10	Humanities (1 credit), Social Science (1 credit), General Education Elective (6), Technical Credits (10)		10	Equiv

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

MnTC/General Education Total		31		
Special Notes, if any:				
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). <u>Restricted electives (in Major)</u> 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
BIOL 2305 Principles of Microbiology or BIOL 2303 Genetics	5	BIOL 4010 Microbiology plus 1 elective credit or BIOL 4410 Genetics plus 1 elective credit	4 + 1	Equiv
CHEM 1061 Principles of Chemistry I	5	CHEM 2048 General Chemistry 1 plus 1 elective credits	4 + 1	Equiv
BIOL 1155 General Biology: Organism to Ecosphere	5	Natural/Science/Math General Education Electives	5	Equiv
CHEM 1062 Principles of Chemistry II	5	CHEM 2049 General Chemistry 2 plus 1 elective credit	4 + 1	Equiv
CHEM 2061 Organic Chemistry I or PHYS 1081 Calculus Based Physics I	5	CHEM 2058 Organic Chemistry 1 plus 1 elective credit or PHYS 2040 General Physics 1: Fundamentals of Physics	4 + 1	Equiv
BIOL 1154 General Biology: Cell to Organism	4	BIOL 2010 Introduction to Biology	4	Equiv
Major, Emphasis, Unrestricted Electives Total	29	Total College Credits Applied (sum of sections A and B)	60	
Special Notes, if any:				
SECTION C - Remaining University (receiving) Requirements				
	course prefix, number and name	Credits		
	ANAT 1001 Anatomy and Physiology 1	4		
	ANAT 1002 Anatomy and Physiology 2	4		
	CHEM 2059 Organic Chemistry 2	4		
	PHYS 2040 General Physics 1: Fundamentals of Physics or CHEM 2058 Organic Chemistry 1	4		
	BIOL 4010 Microbiology or BIOL 4410 General Chemistry 1	4		
	PHYS 2041 General Physics 2: Electricity and Magnetism	4		
	BIOC 3110 Biochemistry	4		
	BIOL 2020 Biology Today	2		
	BIOL 3010 Cell Biology	4		
	CAP 4900 Capstone Project	2		
	MEDT 1001 Medical Terminology	1		
	Electives	11		
	Health Professions Core (Requirement of 12 Credits from the following list; 4 credits of which must be humanities) -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)	12		

	-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)	
Total Remaining University Credits		60

Special Notes, if any:

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
Section A - MnTC/General Education	31		
Section B - Major, Emphasis, Restricted Electives, Unrestricted Electives or Other	29		
Total Sending Institution Credits	60	Sections A & B - Total Sending Institution Credits Applied	60
		Section C - Remaining credit to be taken at the receiving institution	60
		Total Receiving Institution Program Credits	120

College	Name	Signature	Date
Chief Academic Officer and Provost	Dr. Christina Royal		
Dean of Science, Technology, Engineering and Math	Dr. Stephen Strom		
University	Name	Signature	Date
President and Chief Executive Officer	Dr. Christopher Cassirer, Sc.D., M.P.H.		
DARS Encoder			
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			