

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

**Mesabi Range 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 **Mesabi Range 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 Degree in Health Sciences (Broad Field)** (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 January 1, 2020 and shall remain in effect until the end date of January 1, 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 Articulation Agreement will be reviewed by both parties beginning July 1, 2024 (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	Mesabi Range College	Northwestern Health Sciences University
Program name	Health Sciences (Broad Field)	Human Biology
Award Type (e.g., AS)	Associate of Science	Bachelor of Science 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
BIOL 1535 Microbiology	3	3	GE: Natural Science/Mathematics		3	Equiv
CHEM 1522 General Chemistry I or CHEM 1511 Fundamentals of Chemistry	3	4 or 4	CHEM 2048 General Chemistry 1 or GE: Natural Science/Mathematics		4 or 4	Equiv
CMST 1565 Interpersonal Communication	1	3	GE: English/Communication		3	Equiv
ENGL 1511 College Writing I	1	4	GE: English/Communication		4	Equiv
ENGL1532 Tech Writing or ENGL 1512 College Writing II	1	3 or 4	GE: English Communication		3 or 4	Equiv
HLTH 2459 Introduction to Nutrition		3	GE: Natural Science/Mathematics		3	Equiv
PHIL 1551 Introduction to Ethics	9	3	GE: Humanities		3	Equiv
PSYC 2551 General Psychology	5	4	GE: Social Science		4	Equiv
PSYC 2567 Lifespan Development	5, 7	4	GE: Social Science		4	Equiv
SOC 1555 Introduction to Sociology	5	3	GE: Social Science		3	Equiv
STAT 2551 Statistics I	4	4	GE: Natural Science		4	Equiv

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

GE ELECTIVE: 3 credit elective from goal area 5 other than Psychology or Sociology	5	3	GE: Social Science or Humanities (need 4 total credits from Humanities)		3	Equiv
MnTC/General Education Total		37-42				

Special Notes, if any: Northwestern Health Sciences University requires 4 credits of Humanities. If a student is short 1 credit, can make up the credit at Northwestern Health Sciences University.

Sending institution requirements include either CHEM 1522 General Chemistry or CHEM 1511 Fundamentals of Chemistry. Students transferring CHEM 1511 will receive 4 credits of GE: Natural Science/Mathematics and no equivalent for CHEM 2048 General Chemistry 1 at the receiving institution.

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
BIOL 1551 College Biology I OR BIOL 1547 Introduction to Biology	5 OR 4	BIOL 2010 Introduction to Biology (plus 1 GE Elective credit) OR BIOL 2010 Introduction to Biology	4 + 1 OR 4	Equiv
BIOL 2551 Anatomy and Physiology I	4	ANAT 1001 Anatomy and Physiology 1	4	Equiv
BIOL 2552 Anatomy and Physiology II	4	ANAT 1002 Anatomy and Physiology 2	4	Equiv
CHEM 1522 General Chemistry I or CHEM 1511 Fundamentals of Chemistry	4	CHEM 2048 General Chemistry 1 or GE: Natural Science/Mathematics	4 or 4	Equiv
MATH 1521 College Algebra	4	MATH 1005 Foundations of Math (plus .5 GE Elective Credit)	3.5 + .5	Equiv
GECL 1415 Freshman Year Experience	1	Elective Credit	1	Equiv
Elective Credit	1 or 2	Elective Credit	1 or 2	Equiv
Major, Emphasis, Unrestricted Electives Total	18-23	Total College Credits Applied (sum of sections A and B)	60	

Special Notes, if any: Sending institution requirements include either CHEM 1522 General Chemistry or CHEM 1511 Fundamentals of Chemistry. Students transferring CHEM 1511 will receive 4 credits of GE: Natural Science/Mathematics and no equivalent for CHEM 2048 General Chemistry 1 at the receiving institution.

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	BIOL 3015 Developmental Biology	4
	BIOC 3110 Biochemistry	4
	BIOL 3010 Cell Biology	4
	BIOL 4010 Microbiology	4
	BIOL 4410 Genetics	4
	<i>CHEM 2048 General Chemistry 1 (if CHEM 1511 is not transferred)</i>	4
	CHEM 2049 General Chemistry 2	4
	CHEM 2058 Organic Chemistry 1	4
	CHEM 2059 Organic Chemistry 2	4
	PHYS 2020 General Physics 1: Fundamentals of Physics	4
	PHYS 2041 General Physics 2: Electricity and Magnetism	4
	CAP 4900 Capstone Project or RES4910 Directed Research	2
	MEDT 1001 Medical Terminology	1
	Elective Coursework (Technical Credits)	1-5

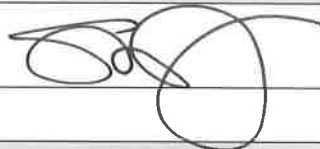
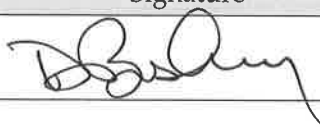
	Health Professions Core (Requirement of 12 credits from the following): <ul style="list-style-type: none"> · ANTH 1005 Culture and Health (4 credits) · COMM 1002 Art of Persuasion (3 credits) · COMM 1102 Writing for Health Professionals (1 credit) · HIST 3110 History of Health Care (3 credits) · MAND3310 Mandarin for Health Professionals (3 credits) · PHIL 3010 Epistemology of Health (4 credits) · PSYC 1002 Health Psychology (4 credits) · PSYC 3210 Psychology of Addiction (3 credits) · SOC1006 Sex and Gender (3 credits) · SPAN 1001 Spanish for Health Professionals (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 3740 Understanding and Using Research (3 credits) 	12
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	37-38		
Section B - Major, Emphasis, Restricted Electives, Unrestricted Electives or Other	22-23		
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

Special Notes, if any:

	Name	Signature	Date
Chief Academic Officer and Provost	Shelly McCauley Jugovich		12/4/19
Title	Provost/CAO		
	Name	Signature	Date
University President and Chief Executive Officer	Dr. Deborah J. Bushway		12/19/19
Title			
DARS Encoder			

Date when equivalencies were encoded in DARS by the receiving MnSCU institution.