

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

NORTH HENNEPIN COMMUNITY 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 North Hennepin Community College (hereinafter sending institution), and Bemidji State University (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 an **ASSOCIATE IN SCIENCE IN BIOLOGY** (hereinafter sending program), and the receiving institution has established a **BACHELOR OF SCIENCE IN 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

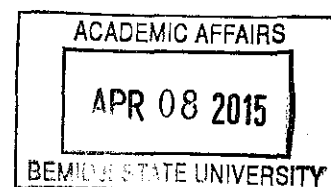
- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and 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 03/01/2015 and shall remain in effect until the end date of 03/01/2020 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 9/01/2019 (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	North Hennepin Community College	Bemidji State University
Program name	Biology	Biology
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)	26.0101	26.0101
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) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
CHEM 1061 Principles of Chemistry I	3	4	CHEM 2211 Principles of Chemistry I	3	4	E
CHEM 1062 Principles of Chemistry II	3	4	CHEM 2212 Principles of Chemistry II	3	4	E
ENGL 1201 College Writing I	1	4	ENGL 1151 Composition	1	4	E
ENGL 1202 College Writing II	1	2	ENGL 2152 Argument and Exposition	1	2	E
MATH 1130 Elementary Statistics	4	3	MnTC Goal 4 credits	4	3	
MATH 1170 Trigonometry	4	4	MnTC Goal 4 credits	4	4	
SOC 1110 Introduction to Sociology	5,7	3	SOC 1104 Society and Social Issues	5,7	3	E
MnTC/General Education Total		24				

Special Notes, if any: An A.S. degree requires a minimum of 30 general education credits selected from at least six of the ten goal areas of the Minnesota Transfer Curriculum. Students may substitute MATH 1221 for MATH 1170 to fulfill this requirement. Students may substitute MATH 1222 for MATH 1130 to fulfill this requirement.

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

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

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 1101 Principles of Biology I	4	BIOL 1211 Introductory Biology I	4	E
BIOL 1102 Principles of Biology II	4	BIOL 1212 Introductory Biology II	4	E
BIOL 2020 Animal Biology	4	Elective credit	4	
BIOL 2030 Plant Biology	4	Elective credit	4	
CHEM 2061 Organic Chemistry I	5	CHEM 3311 and CHEM 3371	5	E
CHEM 2062 Organic Chemistry II	5	CHEM 3312 and CHEM 3372	5	E
PHYS 1201 Principles of Physics I	5	PHYS 1101 General Physics I	5	E
PHYS 1202 Principles of Physics II	5	PHYS 1102 General Physics II	5	E
Restricted elective credits - list courses (if none enter 0)	0			
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)		
Major, Emphasis, Unrestricted Electives Total	36	Total College Credits Applied (sum of sections A and B)	60	

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
MNTC credits: Complete all remaining liberal education goal areas, minimum of 12 credits	12
Complete the following courses:	
BIOL 2360 Genetics	4
BIOL 2610 General Ecology	3
Select one of the following courses (Suborganismal):	
BIOL 3260 Medical Physiology	(4)
BIOL 3300 Introduction to Hematology	(4)
BIOL 3380 Molecular Genetics	(4)
BIOL 3580 Immunology	(4)
BIOL 3590 Cell Biology	(4)
BIOL 3720 Plant Form and Function	(4)
BIOL 3755 Medical Microbiology	(3)
BIOL 4270 Histology	(4)
BIOL 4360 Developmental and Tumor Biology	(4)
Select one of the following courses (Organismal):	
BIOL 2110 Human Anatomy and Physiology	(5)
BIOL 3250 Comparative Vertebrate Anatomy	(4)
BIOL 3310 Entomology	(4)
BIOL 3510 Ornithology	(4)
BIOL 3710 Microbiology	(4)
BIOL 3730 Plant Diversity	(4)
BIOL 3830 Aquatic Plants	(4)
BIOL 4210 Parasitology	(4)
BIOL 4520 Mammalogy	(4)
BIOL 4534 Ichthyology	(4)
BIOL 4800 Advanced Project Certification OR BIOL 4894 Advanced Research Project I OR BIOL 4894 Advanced Research Project I AND BIOL 4895 Advanced Research Project II	0-4
Select one of the following:	
STAT 2610 Applied Statistics	(4)
PSY 3401 Basic Stats for Research	(4)

	University restricted elective credits – BIOL courses or approved substitution	14-18
	University unrestricted elective credits not counted elsewhere (if none enter 0)	6-16
	Total Remaining University Credits	60


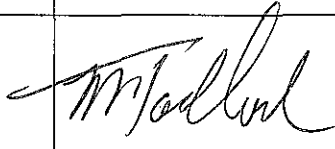
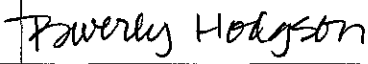
Special Notes, if any: Under some circumstances, students may substitute BIOL 1001 for BIOL 1101 if the appropriate chemistry and mathematics prerequisites are met prior to enrolling in BIOL 1102. Students who have completed BIOL 1001 and 1002 under the previous NHCC course numbering system may substitute these courses for BIOL 1101/1101. Students may substitute PHYS 1601/1602 to fulfill the PHYS 1201/1202 requirement.

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. For purposes of this agreement, CHEM 2061 and CHEM 2062 will count toward the upper division requirement at BSU.

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	24		
Major, Emphasis, Unrestricted Electives or Other	36		
Total College Credits	60	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	60
		Total Program Credits	120

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	Name	Signature	Date
Chief Academic Officer			
Vice President of Academic Affairs	Dr. Landon Pirius		4-15-15
Title			
University	Name	Signature	Date
Chief Academic Officer			
Provost and Vice President for Academic Affairs	Dr. Martin Tadlock		4/8/15
Title			
DARS Encoder	Beverly Hodgson		4/8/15

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