

MINNESOTA STATE COLLEGES AND UNIVERSITIES* ARTICULATION AGREEMENT BETWEEN	Inver Hills Community College AND Concordia University, St. Paul
<small>*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.</small>	

This Agreement is entered into between Inver Hills Community College (hereinafter sending institution), and Concordia University, St. Paul (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 Biology Transfer Pathway Associates in Science (hereinafter sending program), and the receiving institution has established a Biology Bachelor of Science (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, including grade requirements for courses and an overall GPA requirement.

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 Transfer 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 Transfer Agreement is effective on 09/01/2018 and shall remain in effect until 09/01/2023 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 Transfer Agreement will be reviewed by both parties beginning 03/01/2023 (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

Check if the sending program ____ or receiving program ____ is new.		
	College (sending)	University (receiving)
Institution	Inver Hills Community College	Concordia University, St. Paul
Program name	Biology Transfer Pathway	Biology
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)		
Describe program admission requirements (if any)		Must meet CSP 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 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						
ENG 1108 Writing and Research Skills	1	4	Writing		4	Equiv
Choose one: ENG 1111, 1114, or 1130	1	3	Elective		3	Sub
Choose one: COMM 1100, 1110, or 2230	1	3	Communication		3	Equiv
MATH 1118 or higher level to fulfill at least 8 credits. Recommended for transfer to CSP: MATH 1127 Precalculus and MATH 1133 Calculus I	4	8	Mathematics and MAT 125 Precalculus MAT 135 Calculus I		8	Equiv
Goal 5: Choose 3 credits. Recommended for transfer to CSP: PSYC 1101 General Psychology	5	3	Social/Behav. Science if choose PSYC 1101. Otherwise, depends on course selection.		4	Equiv
Goal 6: Choose three credits. Recommended for transfer to CSP: ENG 1140	6	3	Literature if choose ENG 1140. Otherwise, depends on course selection.		3	Sub.
Liberal Arts Electives (Must be MnTC courses) Recommend: Complete Goal 5 and Goal 6		8	Fine Arts if goal 6 completed or History/Political Science if goal 5 completed. Otherwise, depends on course selection.		8	Sub
MnTC/General Education Total		32				
Special Notes, if any:						

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

If a student has fulfilled all MNTC goal areas, they have satisfied all General Education requirements at CSP, with the exception of the Theology course requirements.

It is strongly encouraged to complete the full 10 goal area MNTC before transferring to Concordia, taking care to complete the specific course requirement recommendations listed above and below to meet major prerequisites.

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				
BIOL 1154 Biology: From Cell to Organism	4	BIO 120 Biology I: The Unity of Life (Major Prerequisite)	4	Equiv
BIOL 1155 Biology: From Organism to Ecosphere	5	BIO 130 Biology II: The Diversity of Life (Major Requirement)	5	Equiv
BIOL 2303 Genetics	5	BIO 210 Genetics (Major Requirement)	5	Equiv
Choose One: BIOL 2205 Microbiology (Recommended for transfer to CSP) or BIOL 2306 General Ecology	4	BIOL 300 Microbiology (Major Elective Credit) or Elective if BIOL 2306	4	Sub.
CHEM 1061 Principles of Chemistry I	5	CHE 115 General Chemistry I (Major Prerequisite)	5	Equiv
CHEM 1062 Principles of Chemistry II	5	CHE 116 General Chemistry II (Major Requirement)	5	Equiv
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	0	
Major, Emphasis, Unrestricted Electives Total	28	Total College Credits Applied (sum of sections A and B)	60	

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Remaining Major Requirements:*	31-32
BIO 330 Cell Biology	4
Choose One: SCI 435 Research and Techniques or SCI 455 Research in Science	4
Choose One: SCI 450 Literature Review of Special Topics (2) or SCI 436 Advanced Research & Techniques (4) or SCI 456 Advanced Research in Science (4)	2-4
CHE 221 Organic Chemistry I <i>*Equiv. at Inver Hills: CHEM 2061 Organic Chemistry (5 cr)</i>	4
CHE 328 Intro to Biochemistry	4
Choose One: PHS 112 General Physics I (Trig Based) or <i>*Equiv. at Inver Hills: PHYS 1041 Algebra/Trig Based Physics I (4 cr)</i> PHS 221 General Physics I (Calc Based) <i>*Equiv. at Inver Hills: PHYS 1081 Calculus Based Physics II (5 cr)</i>	4
Choose one: MAT 110 Introduction to Probability and Statistics (3) or MAT 330 Advanced Probability and Statistics (4)	3-4
Remaining General Education Requirements:**	17-19
Theology (must be completed at CSP)	6-8
Health Science	3
Global Studies	4
Fine Arts or History/Political Science depending on course selection in Section A	4
Major Electives (Some may be completed at Inver Hills, see Section C notes below)	7-10
University unrestricted elective credits not counted elsewhere	9-12

	Total Remaining University Credits	60
Special Notes, if any: **If the recommended general education courses listed in section A are not completed, additional general education requirements will need to be completed at CSP that are not currently listed in Section C. *The BS Biology Major is a 54-57 credit major. There is a limit of transfer credit in the major of 50%, which means 28 credits may be accepted in transfer toward the major. There are more than 28 credits of options, so be careful not to over-complete coursework at Inver Hills.		
<ul style="list-style-type: none"> • PHYS 1041 Algebra/Trig Based Physics I (4 cr) at Inver Hills for PHS 112 General Physics I (Trig Based) required at CSP OR PHYS 1081 Calculus Based Physics II (5 cr) at Inver Hills for PHS 221 General Physics I (Calc Based) required at CSP • CHEM 2061 Organic Chemistry (5 cr) at Inver Hills for CHE 221 Organic Chemistry I required at CSP • HCM 1111 Medical Terminology (2 cr) at Inver Hills for BIO 350 Medical Terminology major elective choice at CSP • BIOL 2201 Anatomy and Physiology I (4 cr) at Inver Hills for BIO 315 Human Anatomy and Physiology I major elective choice at CSP • BIOL 2202 Anatomy and Physiology II (4 cr) at Inver Hills for BIO 316 Anatomy and Physiology II major elective choice at CSP 		

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	32		
Major, Emphasis, Unrestricted Electives or Other	28		
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	TIA Robinson	Tia Robinson	1/14/19
DEAN	STEPHEN STROM	Stephen Strom	1/11/19
Title			
University	Name	Signature	Date
Provost	Eric LaMott	E. LaMott	8-9-18
Dean or Department Chair	Amanda Brosnahan	A. Brosnahan	8-8-18
DARS Encoder	Shawn Handwerker	Shawn Handwerker	1-14-19
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			