

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

**Century College
AND
Concordia University, St. Paul**

*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 Century 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, AS** (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, 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 08/01/18 and shall remain in effect until 08/01/23 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 02/01/23 (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	Century 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-dlglt)	26.0101	
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						
ENGL 1020 or 1021 and ENGL 1022 Composition II	1	7	Writing		7	
COMM 1021, 1031, 1041, or 1051	1	3	Communication		3	
BIOL 1041 Principles of Biology I	3	5	Science BIO 120 Biology I: The Unity of Life (Major Prerequisite)		5	Equiv.
BIOL 1042 Principles of Biology II	3	5	BIO 130 Biology II: The Diversity of Life (Major Requirement)		5	Equiv.
BIOL 202B Ecology	3	4	Major Elective		4	Sub.
CHEM 1041 Principles of Chemistry I	3	5	CHE 115 General Chemistry I (Major Prerequisite)		5	Equiv.
CHEM 1042 Principles of Chemistry II	3	5	CHE 116 General Chemistry II (Major Requirement)		5	Equiv.
Select two (MATH 1061 or higher) Recommended for Transfer to CSP: MATH 1061 College Algebra I MATH 1070 Survey of Calculus	4	4 4	Mathematics MAT 135 Calculus I (Major Prerequisite)		4 4	

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

MnTC Goal 5 Recommended for Transfer to CSP: PSYC 1020 General Psychology	5	3	Social/Behavioral Science If choose PSYC 1020. Otherwise, depends on course selection.		3	Equiv.
MnTC Goal 6 Recommended for Transfer to CSP: ENGL 2051 or ENGL 2052	6	3	Literature If choose ENGL 2051 or ENGL 2052. Otherwise, depends on course selection		3	
MnTC/General Education Total		48				

Special Notes, if any:

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

Recommended MNTC Courses in addition to Section A listings, to be completed with the remaining 8 elective credits (listed in Section B below):

- **MATH 1025 Statistics.** This course is required in the BS Biology major.

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: "Choose 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 2038 Genetics	4	BIO 210 Genetics	4	Equiv.
Electives Recommended for Transfer to CSP: See Section A notes above MATH 1025 Statistics	(8)	MAT 110 Introduction to Prob. and Statistics (Major requirement)	8	
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	12	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: **	
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 *Equiv. at Century: CHEM 2041 Organic Chem. I (5 cr)	4
CHE 328 Introduction to Biochemistry	4
PHS 112 General Physics I (Trig Based) *Equiv. at Century: PHYS 1041 General Physics I (5 cr)	4
Major Electives (Some may be completed at Century, see Section C notes above)	13
Remaining General Education requirements: **	
Theology (must be completed at CSP)	6-8
Global Studies (or complete Goal 8)	4
Fine Arts (or complete Goal 6)	4
Health Science (or complete MnTC)	3
History/Political Science	4
University unrestricted elective credits not counted elsewhere (if none enter 0)	0-4
Total Remaining University Credits	60

Special Notes, if any:

**If the "Recommended for Transfer to CSP" courses listed in section A and B are not completed, additional requirements will need to be completed at CSP that are not currently listed in Section C.

**Additional courses one may choose to complete at Century that can be counted in the BS Biology Major. Total transfer in the major, not including prerequisite courses, is limited to 28 credits. Sections A and B bring the total major transfer credits to 18, meaning just 10 transferrable major credits can be completed from the list below:

- CHEM 2041 Organic Chemistry I (5 cr) at Century for the required course CHE 221 Organic Chemistry at CSP
- PHYS 1041 General Physics I (5 cr) at Century for the required course PHS 112 General Physics I (Trig Based) at CSP
- HLTH 1001 Medical Terminology (2 cr) at Century for the major elective course BIO 350 Medical Terminology at CSP
- BIOL 2035 Microbiology (3 cr) at Century for the major elective course BIO 300 Microbiology at CSP
- BIOL 2031 Human Anatomy and Physiology I (4 cr) at Century for the major elective course BIO 315 Human Anatomy and Physiology I at CSP
- BIOL 2032 Human Anatomy and Physiology II (4 cr) at Century for the major elective course BIO 316 Human Anatomy and Physiology II at CSP

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	48		
Major, Emphasis, Unrestricted Electives or Other	12		
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	Jenni Swenson	Jenni Swenson	2/8/19
Dean	Monica Ramirez	Monica Ramirez	1/9/19
University	Name	Signature	Date
Provost	Eric LaMott	E. LaMott	8-13-18
Department Chair or Dean	Amanda Brosnahan	A. Brosnahan	8-13-18
DARS Encoder			

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