

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

**Minnesota West Community & Technical College
AND
South Dakota 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 Minnesota West Community & Technical College (MN West) (hereinafter sending institution), and South Dakota State University (SDSU) (hereinafter receiving institution).

The sending institution has established an **A.S. in Agriculture Production Management** (hereinafter sending program), and the receiving institution has established a **B.S. in Animal Science-Industry Specialization** (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 62 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.

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 08/15/2019 and shall remain in effect until the end date of 08/15/2024 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 within six months of the end date.

PROGRAM ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	MN West	SDSU
Program name	Agriculture Production Management	Animal Science-Industry Specialization
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)		
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						
ENGL 1101, Composition I		3	ENGL 101, Composition I	SGR #1	3	
ENGL 1102, Composition II		3	ENGL 201, Composition II	SGR #1	3	
SPCH 1101, Introduction to Speech		3	SPCM 101, Fundamentals of Speech	SGR #2	3	
ECON 2202, Prin. of Microeconomics		3	ECON 201, Prin. of Microeconomics	SGR #3	3	
Select any course from Area 5, History and the Social and Behavioral Sciences, that doesn't have an ECON prefix.		3	Note: ABS 203, Global Food Systems, is a program requirement, but a substitution will be allowed (must <u>not</u> have an ECON prefix).	SGR #3	3	Sub
Select two courses from Area 6, Humanities and Fine Arts. Note: to meet SDSU requirements, should choose two courses with different prefixes or a foreign language sequence.		6	SGR Goal #4. Arts and Humanities. Choose 2 courses with different prefixes or a foreign language sequence.	SGR #4	6	
MATH 1111, College Algebra		3	MATH 114, College Algebra	SGR #5	3	
BIOL 1110, Principles of Biology I		4	BIOL 151/151L, Gen Biology I & Lab	SGR #6	4	
CHEM 1150, Survey of Chemistry		4	CHEM 106/106L, Chem Survey & Lab	SGR #6	4	
MnTC/General Education Total		32				

***Special Notes, if any:** Although only 30 credits of general education courses are required for the A.S. in Agriculture Production Management, students are encouraged to complete 32 credits to account for the specific science courses (BIOL 1110 and CHEM 1150) needed for the B.S. in Animal Science at SDSU.

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

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			
AGRI 1101, Introduction to Animal Science	3	AS 101/101L, Introduction to Animal Science & Lab	3
AGRI 2201, Principles of Animal Nutrition	3	AS 219, Principles of Animal Nutrition	3
AGRI 2216, Introduction to Meat Science	3	AS 241/241L, Introduction to Meat Science & Lab	3
AGRI 1152, Agricultural Marketing and Prices	3	AGEC 354, Agricultural Marketing and Prices	3
Choose a minimum of 18 credits from the following list, including at least 2 credits of AGRI 2297 Internship.			
AGRI 1102, Principles of Agronomy	3	PS 103/103L, Crop Production and Lab	3
AGRI 1103, Introduction to Soil Science	3	PS 213/213L, Soils and Lab	3
AGRI 1110, Introduction to Horticulture	3	HO 111/111L, Introduction to Horticulture & Lab	3
AGRI 1121, Dairy Technician	2	DS 100T, Dairy Science Transfer Elective	2
AGRI 1125, Custom Application	2	PS 100T, Plant Science Transfer Elective	2
AGRI 1151, Farm Records & Business Analysis	4	AGEC 100T, Ag Economics Transfer Elective	4
AGRI 2202, Weed Control	3	PS 210/210L, Turf/Weed Management for Horticulture	3
AGRI 2203, Soil Fertility & Fertilizers	3	PS 100T, Plant Science Transfer Elective	3
AGRI 2204, GIS/GPS	3	PRAG 203, Introduction to Precision Agriculture	3
AGRI 2212, Corn & Soybean Production	3	PS 100T, Plant Science Transfer Elective	3
AGRI 2214, Machinery Principles and Management	3	AST 100T, Ag Systems Tech Transfer Elective	3
AGRI 2235, Special Topics in Agriculture	1-3	ABS 292, Topics	1-3
AGRI 2251, Principles of Farm & Ranch Management	4	AGEC 271, Farm and Ranch Management	4
AGRI 2297, Agriculture Production Management Internship	2-8	ABS 100T, Agricultural Transfer Elective	2-8
Major, Emphasis, Unrestricted Electives Total	30	Total College Credits Applied (sum of sections A and B)	62

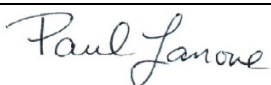

SECTION C - Remaining University (receiving) Requirements

List major requirements & required support courses here	course prefix, number and name	Credits
	ACCT 210, Principles of Accounting I	3
AS 285/285L, Livestock Evaluation and Marketing & Lab	3	
AS 319/319L, Livestock Feeds and Feeding & Lab	3	
AS 332, Livestock Breeding and Genetics	4	
AS 333/333L, Livestock Reproduction & Lab	3	
AS 389, Current Issues in Animal Science	3	
CHEM 108/108L, Organic and Biochemistry & Lab or CHEM 326/326L, Organic Chemistry I & Lab	4-5	
Capstone Requirement. Select 9 credits from the following: AS 445/445L, Value-Added Meat Products & Lab, 3 credits AS 450, Meat Product Safety and HACCP, 3 credits AS 474/474L, Cow-Calf Management & Lab, 3 credits AS 475/475L, Feedlot Operations and Mgmt & Lab, 3 credits AS 476/476L, Horse Production & Lab, 3 credits AS 477/477L, Sheep and Wool Production & Lab, 3 credits AS 478/478L, Swine Production & Lab, 3 credits	9	
VET 223/223L, Anatomy and Physiology of Domestic Animals & Lab	3	
VET 403, Animal Diseases and Their Control	3	
Electives. Take as needed to reach at least 60 credits at SDSU.		
Total Remaining University Credits	60	

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	32		
Major, Emphasis, Unrestricted Electives or Other	30		
Total College Credits	62	Total College Credits Applied	62
		Remaining credit to be taken at SDSU	60
		Total Credits (MN West + SDSU)	122
		Total SDSU Program Credits	120

Special Notes, if any: Although only 60 credits are required for the A.S. in Agriculture Production Management, students are encouraged to complete 62 credits to account for the specific science courses (BIOL 1110 and CHEM 1150) needed for the B.S. in Animal Science at SDSU. B.S. in Animal Science from SDSU requires a minimum of 120 credits, but at least 122 credits are needed to complete both the A.S. from MN West and the B.S. from SDSU.

College	Name	Signature	Date
Chief Academic Officer			
<u>Dean of Ag. & Business</u>	Paul Lanoue		2-23-2021
Title			
University	Name	Signature	Date
Chief Academic Officer			
Provost & Vice President Academic Affairs	Dennis Hedge		5/17/21
Title			