

**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 **Agriculture Production Management, A.S.** (hereinafter sending program), and the receiving institution has established a **Dairy Production** (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.

**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 01/01/2013 and shall remain in effect until the end date of 01/01/2018 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 07/01/2017 (within six months of the end date).

July 6, 2011

## PROGRAM ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	MN West	SDSU
Program name	Agriculture Production Management	Dairy Production
Award Type (e.g., AS)	AS	BS
Credit Length		
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) <sup>1</sup>	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	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- Fundamentals of Speech		3	SPCM 101 – Fundamentals of Speech	SGR #2	3	
BIOL 1110- Principles of Biology and Lab		4	BIOL 151/151L – General Biology & Lab	SGR #6	4	
MATH 1105- Intro to Probability & Statistics <b>or</b> MATH 1111- College Algebra (MUST be MATH 1111 as that meets the pre-reqs for other required courses)		3-4	MATH 102 – College Algebra	SGR #5	3	
SOCIAL SCIENCE ELECTIVES (choose from Economics, Political Science, History, Psychology, Sociology or Geography)		6	Social Science Electives as indicated in SDSU catalog under SGR #3 MUST include ECON 202 as that is an SDSU requirement	SGR #3	6	
HUMANITIES ELECTIVES (choose from Art, Humanities, English Literature, Music, Philosophy, Theatre, HIST 1111 or 1112)		6	Humanities Electives as indicated in SDSU catalog under SGR #4	SGR #4	6	
CHEMISTRY or PHYSICS course		3-4	Chemistry or Physics course equivalent	SGR #6	3-4	
NSCI 1100- Issues in the Environment		3	NRM 110 – Environmental Conservation	IGR #2	3	
<b>MnTC/General Education Total</b>		35				

**Special Notes, if any:**

<sup>1</sup> 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				
30 credits of core technical courses in Agriculture (e.g. Intro to Animal Science, Principles of Agronomy, Intro to Soil Science, Intro to Horticulture, Custom Application, Farm Records & Business Analysis, Ag Marketing & Pricing, Principles of Animal Nutrition, Weed Control, Soil Fertility & Fertilizers, GPS/GIS, Corn & Soybean Production, Machinery Prin. & Management, Intro to Meat Science, etc)	30	Courses that meet either Major Requirements for Dairy Production in SDSU catalog PLUS elective credits as indicated in SDSU catalog.	25	
AGRI 2297- Ag Production Management Internship	2-8		0	
Restricted elective credits - list courses (if none enter 0)	0		0	
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	0	
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>32</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>60</b>	

### SECTION C - Remaining University (receiving) Requirements

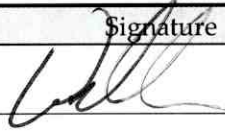

<b>**List major requirements &amp; required support courses here**</b>	course prefix, number and name	Credits
		DS 109 – First Year Seminar (IGR #1)
	AS 323 – Advanced Animal Nutrition	3
	AS 433/433L – Livestock Reproduction & Lab	3
	BIOL 371- Genetics (3) or AS 332 – Livestock Breeding and Genetics (4)	3/4
	CHEM 108/108L or CHEM 120/120L	4
	DS 130/130L – Intro to Dairy Science/Lab	3
	DS 202- Dairy Products Judging	1
	DS 212 – Dairy Cattle Evaluation	2
	DS 301/301L – Dairy Microbiology & Lab	3
	DS 411/411L – Dairy Breeds & Breeding Lab	3
	DS 412/412L – Dairy Farm Management & Lab	4
	DS 413-513- Physiology of Lactation	3
	DS 432 – Dairy Cattle Feeding	3
	DS 490 – Seminar	1
	DS 496 – Field Experience	3
	MICR 231/231L – General Microbiology & Lab	4
	VET 223/223L – Anatomy & Physiology of Domestic Animals & Lab	4
	Communications Elective	2-3
	Plant Science Elective – fulfilled under Section B.	
	University unrestricted elective credits not counted elsewhere (if none enter 0)	0-10
	<b>Total Remaining University Credits</b>	<b>60</b>

**Special Notes, if any:**

### SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	35		
Major, Emphasis, Unrestricted Electives or Other	32		
<b>Total College Credits</b>	<b>67</b>	<b>Total College Credits Applied</b>	<b>60</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>60</b>
		<b>Total Program Credits</b>	<b>120</b>

**Special Notes, if any:**

College	Name	Signature	Date
Chief Academic Officer	Jeffery Williamson		11/14/12
Provost			
Title			
University	Name	Signature	Date
Chief Academic Officer	Laurie Stenberg Nichols		11/20/2012
Provost			
Title			

10/2012

July 6, 2011