

**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-Plant Science GIS/GPS, A.S.** (hereinafter sending program), and the receiving institution has established a **B.S. in Agronomy** (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 65 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.

February 24, 2021

PROGRAM ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	MN West	SDSU
Program name	Agriculture – Plant Science GIS/GPS	Agronomy
Award Type (e.g., AS)	AS	BS
Credit Length	60	125
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	
SPCH 1101, Introduction to Speech		3	SPCM 101, Fundamentals of Speech	SGR #2	3	
ECON 2201, Prin. of Macroeconomics		3	ECON 202, Prin. of Macroeconomics	SGR #3	3	
GEOG 1100, Introduction to Geography		3	GEOG 101, Introduction to Geography	SGR #3	3	Sub
PHIL 1101, Introduction to Philosophy		3	PHIL 100, Introduction to Philosophy	SGR #4	3	
PHIL 2201, Introduction to Ethical Theory		1	PHIL 100T, Philosophy Transfer Elective		1	
PHIL 2202, General Applied Ethics		1	PHIL 100T, Philosophy Transfer Elective		1	
PHIL 2205, Business Ethics		2	PHIL 100T, Philosophy Transfer Elective		2	
MATH 1111, College Algebra		3	MATH 114, College Algebra	SGR #5	3	
BIOL 1110, Principles of Biology I		4	BIOL 151/151L, General Biology I & Lab	SGR #6	4	
BIOL 2230, Plant Biology		4	BOT 201/201L, General Botany & Lab	SGR #6	4	
CHEM 1101, General Inorganic Chemistry I		5	CHEM 112/112L, General Chemistry I & Lab		5	
MnTC/General Education Total		35				

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

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 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 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	
Unrestricted electives (7 credits). Suggest taking the following to fulfill SDSU requirements. AGRI 1152, Ag Marketing & Prices PHYS 1100, Survey of Physics & Lab	3 4	AGEC 354, Agricultural Marketing and Prices PHYS 101/101L, Survey of Physics & Lab	3 4	
Major, Emphasis, Unrestricted Electives Total	25	Total College Credits Applied (sum of sections A and B)	60	

SECTION C - Remaining University (receiving) Requirements

List major requirements & required support courses here	course prefix, number and name		Credits
		ENGL 201, Composition II	
	SGR Goal #4, Arts/Humanities Elective. Select a course from the list in the SDSU catalog. Course prefix cannot be PHIL.		3
	ABS 475/475L, Integrated Natural Resource Mgmt & Lab		3
	BOT 327/327L, Plant Physiology & Lab or BOT 419/419L, Plant Ecology & Lab		3-4
	CHEM 108/108L, Organic and Biochemistry & Lab or CHEM 120/120L, Elementary Organic Chemistry & Lab		4-5
	PRAG 423, Soil Fertility and Plant Nutrient Management		3
	PS 223/223L, Principles of Plant Pathology & Lab		3
	PS 285, Agricultural Computations		2
	PS 383/383L, Principles of Crop Improvement & Lab or BIOL 202/202L, Genetics and Organismal Biology & Lab or BIOL 371, Genetics		3-4
	PS 405/405L, Entomology & Lab or PS 407/407L, Insect Pest Management & Lab		3
	PS 445/445L, Weed Science & Lab		3
	PS 490, Seminar or HO 490, Seminar		1
	PS 492, Topics (1 credit) and PS 421/421L, Soil Microbiology & Lab (3 credits) or PS MICR 231/231L, General Microbiology & Lab (4 credits)		4
	PS 494, Internship or HO 494, Internship		1
	STAT 281, Introduction to Statistics		3
	Natural Resources Stewardship Elective (see list in SDSU catalog)		3-4
	Agronomy, Horticulture, and Plant Science Electives (see list in SDSU catalog)		13
	University elective credits not counted elsewhere. Take as needed to reach 65 credits at SDSU and 125 credits total.		
	Total Remaining University Credits		65

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	35		
Major, Emphasis, Unrestricted Electives or Other	25		
Total College Credits	60	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	65
		Total Program Credits	125
Special Notes, if any:			

College	Name	Signature	Date
Chief Academic Officer			
<u>Dean of Ag & Business</u>	Paul Lanoue		2-24-2021
Title			
University	Name	Signature	Date
Chief Academic Officer			
Provost & Vice President for Academic Affairs	Dennis Hedge		5/17/2021
Title			