

Agreement to Deliver the A.S degree in Agricultural Sciences at
Lake Area Technical College
Watertown, South Dakota
by
South Dakota State University
Brookings, South Dakota
Updated October, 2018

Preamble: This agreement is based on the Memorandum of Agreement between the Watertown School District on behalf of Lake Area Technical College and the South Dakota Board of Regents on behalf of South Dakota State University. (December 2004)

I. Parties

The parties to this agreement are Lake Area Technical College (LATC) and South Dakota State University (SDSU).

II. Purpose

The purpose of this agreement is to:

- A. have a signed agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. provide increased educational opportunities for students from South Dakota and the region; and
- C. provide students with the opportunity to complete the Associate of Science degree with a major in Agricultural Sciences from SDSU at LATC.

III. Academic Program

**Graduation Requirements for the A.S. in Agricultural Sciences from SDSU
(note: All courses required for the degree are offered online by SDSU or at LATC)**

General Education requirements	24 credits
Agricultural Sciences major requirements	18 credits
Agricultural Sciences program electives	18 credits
Total required credits	60 credits

- A. The general education coursework to meet the BOR system general education requirements (SGRs) for the A.S. degree must be completed as outlined below (24 credits). All courses noted with * are part of the approved transferrable general education curriculum.
 - a. SGR Goal #1 Written Communication (6 credits required): ENGL 101, Composition I,* 3 credits; and ENGL 201, Composition II, 3 credits

- b. SGR Goal #2 Oral Communication: SPCM 101, Fundamentals of Speech*, 3 credits
 - c. SGR Goal #3 Social Sciences/Diversity: 3-6 credits (SOC 100, Introduction to Sociology*; ECON 201, Principles of Microeconomics*; ECON 202, Principles of Macroeconomics* are offered at LATC)
 - d. SGR Goal #4 Humanities and Arts/Diversity: 3-6 credits (ENGL 210, Introduction to Literature is offered at LATC)
 - e. SGR Goal #5 Mathematics: MATH 102, College Algebra*, 3 credits
 - f. SGR Goal #6 Natural Sciences, 3-6 credits – BIOL 101/101L, Biology Survey I and Lab (SDSU course online) or CHEM 106/106L, Chemistry Survey and Lab or CHEM 108/108L, Organic and Biochemistry and Lab (prerequisite: CHEM 106/106L)
- B. Requirements for the major in Agricultural Sciences are outlined below (18 credits)
- a. Complete 8-9 credits of available online SDSU courses prefixed ABS, AGECE, AGED, AS, AST, DS, EES, FS, HO, NRM, PS, RANG, VET, and WL.
 - b. Major field of concentration courses available at LATC or SDSU: 9-10 credits from Table 1
- C. Agricultural Sciences program electives: 18 credits or as needed to reach 60 credits. Choose additional courses from Table 1 or courses from Table 2.

Table 1. LATC Major Field of Concentration Courses and SDSU Approximate Equivalencies. Note: students cannot receive credit for both the LATC course and the SDSU Approximate Equivalency.

LATC Course			SDSU Approximate Equivalency		
Course No.	Course Name	Cr	Course No.	Course Name	Cr
AG 100	Soil Science	3	PS 213-213L	Soils and Lab	3
AG 102	Crop Science	3	PS 103-103L	Crop Production and Lab	3
AG 126	Weed Management	3	PS 200-200L	Weed Management for Horticulture and Lab	3
AG 135	Farm Power and Engines	2	AST 211-211L	Ag and Outdoor Power for Teachers and Lab	1
			AST 213-213L	Ag Industrial and Outdoor Power and Lab	3
			Note: cannot receive credit for both AST 211-211L and AST 213-213L		
AG 226	Commodity Marketing	3	AGEC 354	Agricultural Marketing and Prices	3

AGR 110	Animal Science	3		AS 101-101L	Introduction to Animal Science and Lab	4
AGR 121	Introduction to Precision Agriculture	3		PRAG 203-203L	Introduction to Precision Agriculture and Lab	2
AGR 156	Farm Management I	3		AGEC 271	Farm and Ranch Management	3
AGR 170	Dairy Science	3		DS 130-130L	Introduction to Dairy Science and Lab	3
AGR 210	Forages and Grasses	3		PS 313	Forage Crop and Pasture Management	3
AGR 212	Plant Diseases/Insect ID and Control	3		PS 223-223L	Principles of Plant Pathology and Lab	3
AGR 223	Advanced Computer Applications in Agriculture	3		AST 273-273L	Microcomputer Applications in Agriculture and Lab	3
AGR 236	Business Management I	3		BADM 101	Survey of Business	3
AGR 251	Introduction to Range Plant Management	2		RANG 205-205L	Introduction to Range Management and Lab	3
AGR 261	Livestock Marketing and Evaluation	3		AS 285-285L	Livestock Evaluation and Marketing and Lab	3

Table 2. Elective Courses. These LATC courses do not have an SDSU equivalency, but can be used as elective credits for the A.S. in Agricultural Science.

LATC Course			SDSU Equivalency Designation		
Course No.	Course Name	Cr	Course No.	Course Name	Cr
AG 122	Fertilizers	3	PS 100T	Elective	3
AG 124	Ag Chemicals	3	PS 100T	Elective	3
AG 158	Farm/Ranch Records	2	AGEC 100T	Elective	3
AGR 105	Ag Safety	1	ELEC 100T	Elective	1
AGR 116	Sheep and Goat Production	1	AS 100T	Elective	1
AGR 118	Soil and Water Management	3	PS 100T	Elective	3
AGR 120	Seed and Grain Technology	2	PS 100T	Elective	2
AGR 162	Co-op Principles	3	AGEC 100T	Elective	3
AGR 163	Principles of Selling	3	AGEC 100T	Elective	3
AGR 210	Forages and Grasses	3	PS 100T	Elective	3

AGR 211	Animal Anatomy	3		VET 100T	Elective	3
AGR 215	Advanced Fertilizers, Soils, and Waste Management	3		PS 100T	Elective	3
AGR 216	Farm Power/Electrical Wiring	2		AST 100T	Elective	2
AGR 227	Precision Ag Tools	3		PRAG 100T	Elective	3
AGR 232	Farm Management II	3		AGEC 100T	Elective	3
AGR 233	Commodity Futures and Options	3		AGEC 100T	Elective	3
AGR 235	Commodity Merchandizing	3		AGEC 100T	Elective	3
AGR 237	Business Law/Supervision	3		AGEC 100T	Elective	3
AGR 252	Advanced Nutrition	3		AS 100T	Elective	3
AGR 254	Beef Production	2		AS 100T	Elective	2
AGR 258	Basic Dairy Spanish	2		DS 100T	Elective	2
AGR 262	Precision Ag/Data Collection	2		PRAG 100T	Elective	2
AGR 265	Risk Management	2		AGEC 100T	Elective	2
BUS 236	Financial Management	2		BADM 100T	Elective	2

D. Students may earn both the A.A.S. in Agriculture and the A.S. in Agricultural Sciences. Students must be admitted and declare the major at each respective institution.

E. SDSU will waive the graduation requirement that 8 of the last 15 credits for the associate degree must be earned as institutional credit.

IV. Admission

- A. Students who wish to earn the SDSU Associate of Science degree with a major in Agricultural Science at LATC and the AAS degree in Agriculture at LATC will need to apply for admission to SDSU and LATC and provide the needed materials for the admission process. In order to be admitted, all applicants must meet the admission requirements for an associate degree at SDSU and the AAS degree at LATC.
- B. LATC and SDSU will follow established transfer credit policies for their respective institutions to evaluate transfer credits for students who have completed courses at institutions other than LATC or SDSU.

V. Additional graduation requirements:

- A. Students must have a cumulative GPA of 2.0 or higher on a 4.0 scale.
- B. In accordance with BOR policy 2:28, students must demonstrate satisfactory performance in writing, mathematics, reading and science reasoning.

VI. Obligations

- A. The Provost/VPAA at the university will designate one contact person and the President at the technical college will designate one contact person who will work together to manage and be responsible for the stipulations and requirements outlined in this agreement.
- B. Both institutions agree to meet all assumed practices, criteria and core components and other requirements as identified by the regional accrediting body (Higher Learning Commission), in particular:
 - a. Faculty qualifications as outlined in HLC Assumed Practices B.2.a and B.2.b. must be met for each course and each faculty member.
 - b. Those courses taught by faculty who meet these requirements shall be transcribed with the “T” designation in order to earn credit from SDSU.
- C. Tuition and Fees:
 - a. A.S. in Agricultural Sciences degree seeking students attending LATC under this agreement will pay required tuition and fees to LATC for LATC delivered courses (general education and major courses).
 - b. For the SDSU online courses, the A.S. in Agricultural Sciences degree seeking students attending LATC under this agreement will pay the current LATC tuition and fee rate for AG courses.
 - c. The existing MOU will serve as the model for transferring funds between SDSU and LATC for any transferrable general education courses
 - d. For major specific courses, LATC retains the tuition and fees.
 - e. SDSU will contribute the cost of SDSU instructors for team-taught courses.

VII. Student complaints *

- A. For students who have concerns about course content, delivery, or grading of courses, the student’s first point of contact is the instructor of the course. If student’s concerns remain following contact with the instructor, the student follows the process in the student handbook of the institution delivering the course.
- B. Dual-enrolled students should follow the process specified in the student handbook of the relevant institution for all other issues other than course content and delivery.

C. The technical college and university will consult as needed.

*These procedures are based on the guidelines provided within the South Dakota Public Universities and South Dakota Technical Colleges Program to Program Implementation Guidelines October 2006).

VIII. Modification

Both parties agree to confer with each other on a yearly basis regarding any changes involved with this agreement. This agreement may be modified from time to time by South Dakota State University and Lake Area Technical College.

IX. Termination

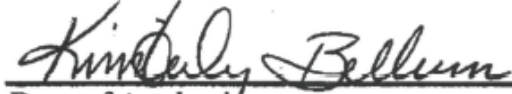
This agreement may be terminated by either SDSU or LATC with one year's notice.

X. Effective Date of Agreement:

Original start date was Fall 2016 term at SDSU and LATC.

XI. Acceptance of Agreement:

For Lake Area Technical College:




Dean of Academics



President

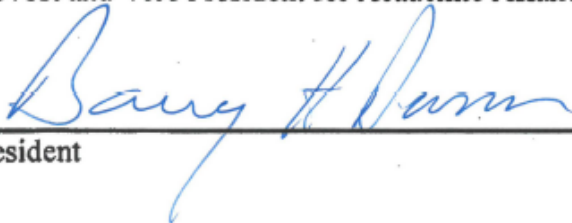
For South Dakota State University:



Dean, College of Agriculture and Biological Sciences



Provost and Vice President for Academic Affairs



President