

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Agreement with Respect to Applying the **Agriculture:**

**Agri- Business Option**  
**Agri- Production Option**  
**Commodity Merchandising Option**  
**Dairy Option**  
**Environmental Option**  
**Equine Management Option**  
**Large Animal Technician Option**  
**Precision Technology Option**  
**Ranch Management Option**

**Associate of Applied Science (A.A.S.) Program**

Towards the  
**AGRICULTURAL SCIENCE MAJOR**  
**Bachelor of Science Degree Program**

Between  
LAKE AREA TECHNICAL COLLEGE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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**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 articulation agreement that addresses the varying needs of students and complementary nature of the institution's programs;
- B. provide increased educational opportunities for students from South Dakota and the region;
- C. extend and clarify educational opportunities for students; and
- D. provide LATC students who have completed the A.A.S. degree in Agriculture an opportunity to earn a Bachelor of Science degree with a major in Agricultural Science.

**III. Academic Program**

- A. Upon successful completion of the major requirements specified in III.B., as indicated below, SDSU will accept 52 technical course credits from the A.A.S. degree in Agriculture coursework. Additional transferable system general education credits may be earned at LATC, but no more than 60 credits total may be transferred from LATC to SDSU.

Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.

- B. Requirements to be completed at SDSU to earn a Bachelor of Science degree with a major in Agricultural Science are outlined below.

System & Institutional General Education Requirements (SGRs & IGRs): 33 credits (this number can be reduced by completion of transferable general education courses at LATC)

1. SGR Goal #1: Written Communication. Must include ENGL 101 Composition I (3 credits) and ENGL 201 Composition II (3 credits)
2. SGR Goal #2: Oral Communication. Must include SPCM 101 Fundamentals of Speech (3 credits)
3. SGR Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin. Must include ECON 201 or ECON 202
4. SGR Goal #4: Humanities and Arts/Diversity. Must complete 6 credits in 2 disciplines (or a sequence of foreign language courses) from the approved list in SDSU Bulletin
5. SGR Goal #5: Mathematics. Must include MATH 102 College Algebra (3 credits) or higher Math course from approved list in SDSU Bulletin
6. SGR Goal #6: Natural Sciences. Must include BIOL 101-101L Biology Survey I & Lab (3 credits) and CHEM 106-106L Chemistry Survey & Lab (4 credits)
7. Institutional Graduation Requirements (IGRs):
  - Goal #1: ABS 109, First Year Experience (2 credits)
  - Goal #2: will have been satisfied by completion of the A.A.S. degree coursework in Agriculture at LATC
8. Globalization Requirement: One course from the Globalization list provided in the SDSU Bulletin must be completed. Some of these courses may be available at LATC (e.g., ECON 202, SOC 100)
9. Advanced Writing Requirement: will be satisfied by completion of major requirements below

Major and Support Course Requirements : 35 credits

1. BIOL 103-103L, Biology Survey II and Lab (3 credits)
2. Science Elective. Choose one from the following:
  - a. CHEM 108-108L, Organic and Biochemistry and Lab (5 credits)
  - b. CHEM 120-120L, Elementary Organic Chemistry and Lab (4 credits)
  - c. MICR 231-231L, General Microbiology and Lab (4 credits)
  - d. PHYS 101-101L, Survey of Physics I and Lab (4 credits)
3. AGECE 354, Agricultural Marketing and Prices (3 credits)
4. Select One:
  - a. BIOL 371, Genetics (3 credits)
  - b. PS 383-383L, Principles of Crop Improvement and Lab (3 credits)
  - c. AS 332, Livestock Breeding and Genetics (4 credits)
5. Capstone Elective. Choose one of the following (3-4 credits):
  - a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 cr)

- b. AGEC 421, Farming and Food Systems Economics (3 cr)
  - c. AS 474-474L, Cow/Calf Management and Lab (3 cr)
  - d. AS 477-477L, Sheep and Wool Production and Lab (3 cr)
  - e. AS 478-478L, Swine Production and Lab (3 cr)
  - f. AST 303-303L, Design Management Experience and Lab (3 cr)
  - g. DS 412-412L, Dairy Farm Management and Lab (4 cr)
  - h. PS 440-440L, Crop Management with Precision Farming and Lab (3 cr)
  - i. RANG 485-485L, Advanced Integrated Ranch Management and Lab (3 cr)
6. Communication Elective (Meets the Advanced Writing Requirement). Select one from the following (3 credits):
- a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 cr)
  - b. ENGL 379, Technical Communication (3 cr)
7. Depending on the option completed at LATC, the following courses also need to be completed at SDSU:
- a. Dairy Option:
    - i. ACCT 210, Principals of Accounting I (3 credits) or STAT 281, Introduction to Statistics (3 credits)
  - b. Environmental Option:
    - i. AS 233-233L, Applied Animal Nutrition and Lab (4 credits)
  - c. Equine Management Option:
    - i. ACCT 210, Principals of Accounting I (3 credits) or STAT 281, Introduction to Statistics (3 credits)
    - ii. AGEC 271-271L, Farm and Ranch Management and Lab (4 credits)
  - d. Large Animal Technician Option:
    - i. ACCT 210, Principals of Accounting I (3 credits) or STAT 281, Introduction to Statistics (3 credits)
  - e. Precision Technology Option:
    - i. AGEC 271-271L, Farm and Ranch Management and Lab (4 credits)
    - ii. AS 233-233L, Applied Animal Nutrition and Lab (4 credits)
8. Program Electives as needed to reach 120 credit hours total needed for graduation

**Total minimum number of credits at SDSU: 62**

**Total number of credits from LATC: 52-58\***

**Total minimum credits required: 120**

\*Transferable general education courses can be completed at LATC

Additional Requirements:

1. Students transferring from Lake Area Technical College must have a cumulative GPA of "C" (2.0 on a 4.0 scale) and no course grade below a "C" (2.0 on a 4.0 scale).
2. In accordance with BOR policy 2:28, students must demonstrate satisfactory performance in writing, mathematics, reading and science reasoning as evidenced by receiving a passing score on all sections of the Collegiate Assessment of Academic Proficiency (CAAP) exam. The exam must be taken during the first semester of enrollment at SDSU.

**IV. Obligations**

Both parties agree to confer with each other on a yearly basis regarding changes in curricula involved in this articulation agreement.

**V. Modifications**

This agreement may be modified from time to time by the South Dakota Board of Regents and Lake Area Technical College with approval from the South Dakota Board of Education. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances in which retroactive implementation of modifications may be required to comply with accreditation standards or to conform to professional licensure requirements.

**VI. Incorporation of terms in master agreement**

The parties have entered into the present agreement pursuant to the agreement of December 14, 2004, between the Watertown Board of Education on behalf of Lake Area Technical College and the South Dakota Board of Regents on behalf of Black Hills State University, Dakota State University, Northern State University, South Dakota School of Mines & Technology, South Dakota State University, and the University of South Dakota. This agreement shall be subject to all terms and conditions stated in the December 14, 2004 agreement.

**VII. Effective Date of Agreement**

Start Date of Fall 2013 Terms at LATC and SDSU. The agreement applies to students who graduated from LATC within the 10 years immediately prior to application and admission into SDSU.

**VIII. Acceptance of Agreement**

**For South Dakota State University**

 \_\_\_\_\_ Date: 2-21-2013

Laurie Nichols  
Provost and Vice President for Academic Affairs

 \_\_\_\_\_ Date: 5/21/13

Jack Warner  
Executive Director, South Dakota Board of Regents

**For Lake Area Technical College**

 \_\_\_\_\_ Date: 20 February 2013

Deb Shephard  
President