PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

AGRICULTURE
Associate in Science Degree Program

Towards the
AGRICULTURAL SCIENCE MAJOR
Bachelor of Science Degree Program

Between
RIDGEWATER COLLEGE
and
SOUTH DAKOTA STATE UNIVERSITY (SDSU)

I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Ridgewater College, Willmar, MN.

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 the region;
C. extend and clarify educational opportunities for students; and
D. provide Ridgewater College students who have completed the 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 below, SDSU will accept 60 course credits from the A.S. degree in Agriculture Technology for students majoring in Agricultural Science. Students must successfully complete the A.S. degree in Agriculture from Ridgewater prior to transferring to SDSU in order for this agreement to apply. Students must meet all South Dakota 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.

Note: Ridgewater College courses are listed in *italics* font, whereas SDSU courses are listed in normal font.

System General Education Graduation Requirements (SGR): minimum 31 credits required of which 22 credits are completed within the A.S. in Agriculture at Ridgewater College. If any of the requirements noted below as "met as Ridgewater College" are not completed at Ridgewater College, then the student will need to complete those requirements at SDSU or by transfer of approved equivalent courses.

1. Goal #1: Written Communication:
    a. ENGL 101, Composition I (3 credits, met at Ridgewater by *ENGL 121, College Composition I*)
    b. ENGL 201, Composition II (3 credits, met at Ridgewater by *ENGL 122, College Composition II*)
2. Goal #2: Oral Communication: (3 credits, met at Ridgewater by *CMST 220, Public Speaking*)
3. Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin.
    a. ECON 201 (3 credits, met at Ridgewater by *ECON 206 Principles of Microeconomcs*)
    b. Additional course with non-ECON prefix from approved list
4. Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU Bulletin)
5. Goal #5: Mathematics: Math 102, College Algebra, or Math 115 Precalculus, or higher (3 credits, met at Ridgewater by *MATH 112, College Algebra, 4 credits*)
6. Goal #6: Natural Sciences.
    a. BIOL 101-101L, Biology Survey I and Lab (3 credits, met at Ridgewater by BIOL 100 Introduction to Biology, 4 credits)
    b. CHEM 106-106L, Chemistry Survey and Lab (4 credits 4 credits, met at Ridgewater by *CHEM 102, General Chemistry I or CHEM 151, Principles of Chemistry I*)
7. Advanced Writing requirement met by completion of major requirements below.
8. Globalization requirement: one course from the Globalization list in the SDSU Bulletin must be completed. Students can select a course which also meets an SGR or IGR goal.

<u>Institutional Graduation Requirements (IGR): minimum 5 credits of which 3 will be met at</u> Ridgewater College

1. IGR Goal#1: First Year Seminar. (2 credits from list in SDSU Bulletin; ABS 109 suggested)
2. IGR Goal#2: Met at Ridgewater

<u>Major and Support Course Requirements:</u>

1. BIOL 103-103L, Biology Survey II and Lab (3 credits)
2. ACCT 210, Accounting (3 credits) or STAT 281 Introduction to Statistics (3 credits)
3. AGEC 271-271L, Farm and Ranch Management and Lab (4 credits)
4. AGEC 354, Agricultural Marketing and Prices (3 credits)
5. Science Elective. Choose from one of 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
6. 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)
7. Ag Processing Elective. Select One:
    a. AS 241-241L, Introduction to Meat Science and Lab (3 credits)
    b. AS 285-285L, Livestock Evaluation and Marketing (4 credits)

c. AST 443-443L, Food Processing and Engineering Fundamentals and Lab (3 credits)
d. DS 231, Dairy Foods (3 credits)
e. PS 303-303L, Seed Technology and Lab (3 credits)
f. PS 308-308L, Grain Grading and Lab (3 credits)
g. PS 312, Grain and Seed Production and Processing (3 credits)

8. Capstone Elective. Choose one of the following (3-4 credits):
   a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
   b. AGEC 421, Farming and Food Systems Economics (3 credits)
   c. AS 474-474L, Cow/Calf Management and Lab (3 credits)
   d. AS 477-477L, Sheep and Wool Production and Lab (3 credits)
   e. AS 478-478L, Swine Production and Lab (3 credits)
   f. AST 303-303L, Design Management Experience and Lab (3 credits)
   g. DS 412-412L, Dairy Farm Management and Lab (4 credits)
   h. PS 440-440L, Crop Management with Precision Farming and Lab (3 credits)
   i. RANG 485-485L, Advanced Integrated Ranch Management and Lab (3 credits)
9. 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 credits)
   b. ENGL 379, Technical Communication (3 credits)
10. Program Electives as needed to reach 120 credit hours total needed for graduation

Total minimum number of credits at SDSU: 60 ***
Transfer block credits from Ridgewater College: 60
Total credits required: 120
*** Additional transferable general education course credits could be completed at Ridgewater College, and would reduce the number of general education credits at SDSU. However, no more than 60 credits total can be transferred from Ridgewater College to SDSU.

Additional requirements:

a. Students transferring from Ridgewater College must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at Ridgewater College with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Agricultural Science Major.
b. 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 regular 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 Ridgewater College. 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. Effective Date of Agreement

This agreement will go into effect at the start of the Spring 2014 semester term at Ridgewater College and SDSU.

VII. Acceptance of Agreement

For South Dakota State University:

Laurie Nichols Date: 1-2-2014

Dr. Laurie Nichols
Provost and Vice President for Academic Affairs

Date: 4/15/14

Dr. Jack Warner
Executive Director, South Dakota Board of Regents

For Ridgewater College:

Date: 12/19/13

President