

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

### AGRICULTURE:

Agribusiness

Agronomy

Animal Science

Diversified Agriculture

Mechanized Agriculture

Associate of Applied Science Degree Program

Towards the

AGRICULTURAL SCIENCE MAJOR

Bachelor of Science Degree Program

Between

NORTHEAST COMMUNITY COLLEGE (NORTHEAST)

and

SOUTH DAKOTA STATE UNIVERSITY (SDSU)

### I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Northeast Community College (NORTHEAST), Norfolk, NE.

### 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 NORTHEAST students who have completed an 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 below, SDSU will accept 60 course credits from the A.A.S. degree in Agriculture for students majoring in Agricultural Science. Students must successfully complete the A.A.S. degree in Agriculture from NORTHEAST prior to transferring to SDSU 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: NORTHEAST 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 12 credits are completed within the A.A.S. in Agriculture at NORTHEAST and 19

credits are completed at SDSU. If any of the requirements noted below as met at NORTHEAST are not completed at NORTHEAST, then the student will need to complete these requirements at SDSU or by transfer of approved equivalent courses.

1. Goal #1: Written Communication:
  - ENGL 101, Composition I (met at NORTHEAST by completion of *ENGL 1010, English Composition I*)
  - ENGL 201, Composition II (3 credits)
2. Goal #2: Oral Communication: Fundamentals of Speech (met at NORTHEAST by completion of *SPCH 1010, Fundamentals of Communication*)
3. Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin.
  - a. ECON 201, Microeconomics, or ECON 202, Macroeconomics (met at NORTHEAST by completion of *AGRI 1410, Introduction to Economics of Agriculture*)
  - b. Course with non-ECON prefix from approved list in SDSU Bulletin
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 (met at NORTHEAST by completion of *MATH 1150, College Algebra*)
6. Goal #6: Natural Sciences. Must include BIOL 101-101L, Biology Survey I and Lab (3 credits) and CHEM 106-106L, Chemistry Survey and Lab (4 credits)
7. Advanced Writing requirement: met by completion of major requirements below
8. Globalization requirement: met at NORTHEAST by completion of *AGRI 1290, International Agriculture & Agribusiness*, 3 credits

Institutional Graduation Requirements (IGR): minimum 5 credits, all of which should be met at NORTHEAST

1. IGR Goal #1: First Year Seminar (2 credits required; met at NORTHEAST by completion of *AGRI 1120, Food Agriculture Natural Resources System*)
2. IGR Goal #2: Cultural Awareness and Social and Environmental Responsibility (3 credits required; met at NORTHEAST by completion of *AGRI 1290, International Agriculture & Agribusiness*)

Major and Support Course Requirements: minimum 32 credits

1. BIOL 103-103L Biology Survey II and Lab (3 credits)
2. 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)
3. 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)
4. 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 (3 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)
- 5. Capstone Elective. Choose one of the following (3-4 credits):
  - a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
  - b. AGECE 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)
- 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 credits)
  - b. ENGL 379, Technical Communication (3 credits)
- 7. Depending on the specialization completed within the A.A.S. in Agriculture at NORTHEAST, the following courses also need to be completed at SDSU (unless taken as electives at NORTHEAST):
  - a. Agronomy:
    - i. ACCT 210, Principles of Accounting I; or STAT 281, Introduction to Statistics (3 credits)
    - ii. AS 101-101L, Introduction to Animal Science and Lab; or DS 130-130L, Introduction to Dairy Science and Lab (3 credits)
    - iii. AS 233-233L, Applied Animal Nutrition and Lab (4 credits)
  - b. Animal Science or Diversified Agriculture:
    - i. ACCT 210, Principles of Accounting I; or STAT 281, Introduction to Statistics (3 credits)
  - c. Mechanized Agriculture:
    - i. ACCT 210, Principles of Accounting I; or STAT 281, Introduction to Statistics (3 credits)
    - ii. AS 101-101L, Introduction to Animal Science and Lab; or DS 130-130L, Introduction to Dairy Science and Lab (3 credits)
    - iii. 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: 60 \*\*\***

**Transfer block credits from NORTHEAST: 60**

**Total credits required: 120**

\*\*\* Additional transferable general education course credits could be completed at NORTHEAST, and would reduce the number of general education credits at SDSU. However, no more than 60 credits total can be transferred from NORTHEAST to SDSU.

Additional requirements:

- a. Students transferring from NORTHEAST must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at NORTHEAST 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 Northeast Community 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.

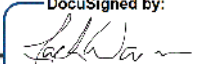
**VI. Effective Date of Agreement**

This agreement will go into effect at the start of the Fall 2014 semester term at NORTHEAST and SDSU.


**VII. Acceptance of Agreement**

For South Dakota State University:

                      Date: 5-14-2014  
 Dr. Laurie Nichols  
 Provost and Vice President for Academic Affairs

DocuSigned by:  
                      Date: 8/19/2014  
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 Executive Director, South Dakota Board of Regents

For Northeast Community College:

                      Date: 5-7-14  
 Dr. Michael R. Chipps, Ph.D.  
 President