

PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

AGRIBUSINESS TECHNOLOGY
Or
AGRICULTURE PRODUCTION TECHNOLOGY
Associate in Applied Science Degree Program

Towards the
AGRONOMY MAJOR
Bachelor of Science Degree Program

Between
IOWA LAKES COMMUNITY COLLEGE (ILCC)
and
SOUTH DAKOTA STATE UNIVERSITY (SDSU)

I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Iowa Lakes Community College (ILCC), Emmetsburg, IA (additional campuses in Algona, Estherville, Spencer, and Spirit Lake).

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 ILCC students who have completed the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology an opportunity to earn a Bachelor of Science degree with a major in Agronomy.

III. Academic Program

- A. Upon successful completion of the major requirements specified below, SDSU will accept 50 course credits from the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology for students majoring in Agronomy. Students must successfully complete the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology from ILCC prior to transferring to SDSU for the course credits to be accepted. 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.

System General Education Graduation Requirements (SGR): minimum 31 credits required of which 6 credits are completed within the A.A.S. in Agribusiness Technology or Agriculture Production Technology at ILCC and 25 credits are completed at SDSU. If any of the requirements noted below as "met as ILCC" are not completed at ILCC, 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 (3 credits) (met at ILCC)

- ENGL 201, Composition II (3 credits)
- 2. Goal #2: Oral Communication: SPCM 101, Fundamentals of Speech (3 credits) (met at ILCC)
- 3. Goal #3: Social Sciences/Diversity.
 - a. ECON 201 or ECON 202 (3 credits)
 - b. SOC 100, SOC 150, or SOC 240 (3 credits)
- 4. Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU Bulletin)
- 5. Goal #5: Mathematics: Math 102 or Math 115 or higher (3 credits)
- 6. Goal #6: Natural Sciences.
 - a. BIOL 151-151L (4 credits)
 - b. BIOL 153-153L (4 credits) or BOT 201-201L (3 credits)
- 7. Advanced Writing Requirement: will be met by completion of major requirements listed below
- 8. Globalization Requirement: Will be met by completion of SOC 100, SOC 150, or SOC 240 (see item 3b above)

Institutional Graduation Requirements (IGR): 5 credits of which 3 credits are met at ILCC and 2 credits at SDSU

1. IGR Goal#1: First Year Seminar. (2 credits from list in SDSU Bulletin; PS 109 suggested)
2. IGR Goal#2: met at ILCC

Major and Support Course Requirements: minimum 54 credits

1. PS 223-223L Plant Pathology and Lab (3 credits)
2. PS 305/305L, Insect Biology and Lab, Or PS 307-307L, Insect Pest Management and Lab (3 credits)
3. PS 343/343L, Weed Science and Lab (3 credits)
4. PS 390, Seminar (1 credit)*

Note: A student must have a GPA of 2.5 or higher and a grade of C or higher in the courses used to satisfy the Agronomy core curriculum (courses in items 1-5 above) in order to graduate with a major in Agronomy.

5. ABS 475/475L, Integrated Natural Resource Management and Lab (3 credits)*
6. Genetics Elective. Select One:
 - a. PS 383/383L, Principles of Crop Improvement and Lab (3 credits)
 - b. BIOL 371, Genetics (3 credits)
 - c. BIOL 202-202L, Genetics and Organismal Biology (4 credits)
7. BOT 327/327L, Plant Physiology and Lab (3 credits)
8. Select one.
 - a. MICR 231/231L, General Microbiology and Lab (4 credits)
 - b. PS 421/421L, Soil Microbiology and Lab (3 credits) and PS 492, Topics (1 credit)
9. Select one.
 - a. CHEM 106-106L, Chemistry Survey and Lab (4 credits)
 - b. CHEM 112-112L, General Chemistry I and Lab (4 credits)
10. Select one.
 - a. CHEM 120/120L, Organic Chemistry and Lab (4 credits)
 - b. CHEM 108-108L, Organic and Biochemistry (5 credits)
11. Select one.
 - a. PHYS 101/101L, Survey of Physics and Lab (4 credits)
 - b. PHYS 111/111L, Introduction to Physics and Lab (4 credits)
12. STAT 281, Introduction to Statistics (3 credits)
13. ENGL 379, Technical Communications (3 credits)

14. Natural Stewardship Elective (3 credits required). Select One:
 - a. ABS 203, Global Food Systems (3 credits)
 - b. ABS 482, International Experience (3 credits)
 - c. BIOL 383, Bioethics (4 credits)
 - d. PS 243, Geology (3 credits)
 - e. PS 307-307L, Insect Pest Management and Lab (3 credits)
 - f. PS 310-310L, Soil Geography and Land Use Interpretation and Lab (3 credits)
 - g. PS 362-362L, Environmental Soil Management and Lab (3 credits)
 - h. PS 446, Agroecology (3 credits)
15. Plant Science Electives (10 credits). Must complete at least 2 credits from each of three areas as noted in SDSU Bulletin: Crops, Plant Protection, and Soils/Environmental Protection.
16. Students in the Agribusiness Technology A.A.S. program at ILCC are required to complete both *AGA 352, Soil Science & Fertilizer*, and *AGA 353, Advanced Soil Fertility*, whereas *AGA 352* and *AGA 353* are elective courses in the Agriculture Production Technology A.A.S. program. Unless students complete both *AGA 352* and *AGA 353* at ILCC, they will need to complete PS 323, Soil Fertility and Plant Nutrient Management (3 credits) at SDSU.

Total minimum number of credits at SDSU: 81 ***

Transfer block credits from ILCC: 44

Total credits required: 125

*** Additional transferable general education course credits could be completed at ILCC, and would reduce the number of general education credits at SDSU. However, no more than 62 credits total can be transferred from ILCC to SDSU.

Additional requirements:

- a. Students transferring from ILCC must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at ILCC with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Agronomy 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

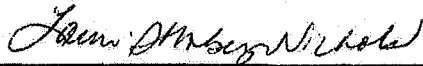
This agreement may be modified from time to time by the South Dakota Board of Regents and Iowa Lakes Community College. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare 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 Spring 2014 semester term at ILCC and SDSU.

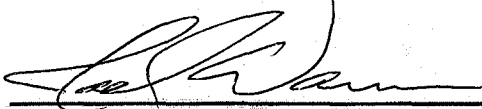
VII. Acceptance of Agreement

For South Dakota State University:



Date: 9-21-2013

Dr. Laurie Nichols
Provost and Vice President for Academic Affairs



Date: 2/19/14

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

For Iowa Lakes Community College:



Date: 9-15-13

President