

**SOUTH DAKOTA BOARD OF REGENTS**

**Academic and Student Affairs**  
**Consent**

**AGENDA ITEM: 4 – C**

**DATE: October 4-6, 2016**

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**SUBJECT: Memorandum of Agreement – SDSU & NCTA**

South Dakota State University is seeking to enter in an agreement with the University of Nebraska – Nebraska College of Technical Agriculture (NCTA) located in Curtis, Nebraska. The agreement is structured to aid in facilitating simultaneous enrollment opportunities for students pursuing the Dairy Production Concentration at NCTA. Students meeting SDSU admission criteria will spend one year at SDSU pursuing advanced coursework in the area of Dairy Sciences which are not available at their home institution. Once the necessary coursework are completed across the proposed Fall, Spring and Summer terms, students will earn the Associate of Applied Science (AAS) degree with a Dairy Production Concentration in the Agriculture Production Systems Major at NCTA.

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**DRAFT MOTION 20161004\_4-C:** I move to approve the Memorandum of Agreement between South Dakota State University and the University of Nebraska – Nebraska College of Technical Agriculture.



## **Dairy Science Memorandum of Agreement**

Nebraska College of Technical Agriculture  
Curtis, Nebraska

and

South Dakota State University  
Brookings, South Dakota

### **I. Parties**

The parties to this agreement are University of Nebraska – Nebraska College of Technical Agriculture (NCTA), Curtis, NE and South Dakota State University (SDSU), Brookings, SD.

### **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; and
- C. provide NCTA students with the opportunity to take coursework at SDSU that may be applied towards completion of NCTA's Associate of Applied Science (AAS) degree with a Dairy Production Concentration in the Agriculture Production Systems Major.

### **III. Academic Program**

- A. Graduation Requirements for the AAS degree with the Dairy Production Concentration in the Agriculture Production Major from NCTA are specified in the NCTA catalog.
- B. Example course schedules are shown in the Appendix. Students pursuing the AAS degree from NCTA under this agreement will spend one semester at SDSU. Students with an odd year start date at NCTA will be expected to spend the Spring semester of Year 1 at SDSU, whereas those with an even year start date will be expected to spend the Spring semester of Year 2 at SDSU.

**IV. Admission**

Students who wish to earn the AAS degree with a Dairy Production Concentration in the Agriculture Production Systems Major at NCTA will need to apply for admission to NCTA and SDSU. In order to be admitted, all applicants must meet the admission requirements for the AAS degree at NCTA.

**V. Graduation requirements**

- A. Students must meet NCTA requirements for the AAS degree and complete the program requirements for the Dairy Production Concentration in the Agriculture Production Systems Major at NCTA (See Appendix).
- B. NCTA will be the degree granting institution for students completing the AAS degree requirements.

**VI. Obligations**

- A. The Provost/VPAA at SDSU will designate one contact person and the Dean at NCTA 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).
- C. Tuition and Fees: Students seeking the AAS degree from NCTA while attending SDSU under this agreement will pay required tuition and fees to SDSU at the normal SDSU rates for SDSU delivered courses.
- D. Financial Aid: The parties involved in this agreement commit to working with their respective financial aid offices to maximize the opportunity for students to receive all appropriate forms of financial assistance, including financial aid and scholarships, while attending both institutions.
- E. Student Life: Students seeking the AAS degree from NCTA under this agreement will for all intents and purposes be considered SDSU students while attending SDSU. For example, they will be issued a student ID card, be eligible to apply for on-campus housing, and participate in applicable SDSU student organizations, and extra-curricular activities.

**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. Students should follow the process specified in the SDSU student handbook for all other issues other than course content and delivery.

\*These procedures are based on the guidelines provided within the South Dakota Public Universities and South Dakota Technical Institutes 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 SDSU and NCTA.

**IX. Termination**

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

**X. Effective Date of Agreement**

Start date of the fall 2016 term at SDSU and NCTA.

**XI. Acceptance of Agreement**

**For Nebraska College of Technical Agriculture:**

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Dr. Ron Rosati  
Dean of the Nebraska College of Technical Agriculture

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Dr. Doug Smith  
Chairperson, Agricultural Production Systems – Animal Science/Agricultural Education

**For South Dakota State University:**

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Dr. Vikram Mistry  
Head, Department of Dairy Science

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Dr. Daniel Scholl  
Interim Dean, College of Agriculture and Biological Sciences

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Dr. Dennis Hedge  
Interim Provost/Vice President of Academic Affairs

## Dairy Production Degree Program

**Major:** Agriculture Production Systems  
**Degree:** Associate of Applied Science  
**Option:** Livestock Industry Management  
**Concentration:** Dairy Production

### Year 1 Odd Year Start Fall Semester Schedule

#### Semester 1 (Fall)

	Course	SCH
ENG 1503	Business and Technical Writing OR ENG 1903 College Composition	3
ASI 1011	Intro to Animal Science	1
ASI 1253	Nutrition	3
ASI 1303	Animal Management	3
ECN 1103	Introduction to Agricultural Economics	3
AIT 1083	Software Productivity	3
PSY 1011	Learning Communities	1
AGR 1001	Ownership Advantage Seminar I	1
<b>Total Credits</b>		<b>18</b>

#### Semester 2 (Spring) Course

		SCH
DS-130L	Introduction to Dairy Science Lab	0
DS-130	Introduction to Dairy Science	3
DS 312	Dairy Cattle Breeding and Evaluation	4
DS 312L	Dairy Cattle Breeding and Evaluation Lab	0
DS-481	Dairy Farm Operations II	4
DS-481L	Dairy Farm Operations Lab II	0
Electives	Could be DS 494, Internship or other	6
<b>Total Credits</b>		<b>17</b>

### Summer Semester

ASI 2906	Internship	6
<b>Total Credits</b>		<b>6</b>

**Year 2  
Odd Year Start  
Fall Semester Schedule**

**Semester 3 (Fall)**

	Course	SCH
SPC 1103	Sales Communication	3
PSY 1103	Human Relations	3
ABM 2963	Farm Records	3
ASI 2384	Large Animal Diseases and Pharmacology	4
ASI 1351	Artificial Insemination	1
AGR 1501	Ownership Advantage Seminar II	1
Electives		3
<b>Total Credits</b>		<b>18</b>

**Semester 4 (Spring)**

	Course	SCH
AGR 2943	Capstone	3
MKT 2203	Ag. Marketing	3
ASI 2313	Ration Formulation	3
ANSC 405	Advanced Dairy Management and Diagnostics (online U of I )	3
AGR 2001	Ownership Advantage Seminar III	1
ASI 2854	Farm and Ranch Management	4
<b>Total Credits</b>		<b>17</b>
<b>Total Credit Hours for Degree</b>		<b>76</b>

**Online teaching resources:**

UNL dairy extension	<a href="http://animalscience.unl.edu/dairy-cattle">http://animalscience.unl.edu/dairy-cattle</a>
University of Illinois professional development sequence in dairy	<a href="http://ansci.and.illinois.edu/class/online-dairy">http://ansci.and.illinois.edu/class/online-dairy</a> <a href="http://ansci.illinois.edu/class/online-dairy/schedule">http://ansci.illinois.edu/class/online-dairy/schedule</a> <a href="https://www.youtube.com/user/uiucansci">https://www.youtube.com/user/uiucansci</a> <a href="https://pubsplus.illinois.edu/ANSC-CD8.html">https://pubsplus.illinois.edu/ANSC-CD8.html</a>
South Dakota State University dairy science	<a href="http://www.sdstate.edu/ds/">http://www.sdstate.edu/ds/</a>

**Year 1  
Even Year Start  
Fall Semester Schedule**

**Semester 1 (Fall)**

	<b>Course</b>	<b>SCH</b>
ABM 2963	Farm Records	3
ASI 1011	Intro to Animal Science	1
ASI 1253	Nutrition	3
ASI 1303	Animal Management	3
ECN 1103	Introduction to Agriculture Economics	3
AIT 1083	Software Productivity	3
PSY 1011	Learning Communities	1
AGR 1001	Ownership Advantage Seminar I	1
<b>Total Credits</b>		<b>18</b>

**Semester 2 (Spring)**

	<b>Course</b>	<b>SCH</b>
AGR 2943	Capstone	3
MKT 2203	Ag. Marketing	3
ASI 2313	Ration Formulation	3
ANSC 405	Advanced Dairy Management and Diagnostics (online U of I)	3
AGR 2001	Ownership Advantage Seminar II	1
ASI 2854	Farm and Ranch Management	4
<b>Total Credits</b>		<b>17</b>

**Summer Semester**

ASI 2906	Internship	6
<b>Total Credits</b>		<b>6</b>

**Year 2  
Even Year Start  
Fall Semester Schedule**

**Semester 3 (Fall)**

<b>Course</b>	<b>SCH</b>
SPC 1103      Sales Communication	3
PSY 1103      Human Relations	3
ENG 1503      Business and Technical Writing OR ENG 1903 College Composition	3
ASI 2384      Large Animal Diseases and Pharmacology	4
ASI 1351      Artificial Insemination	1
AGR 1501      Ownership Advantage Seminar II	1
Electives	3
<b>Total Credits</b>	<b>18</b>

**Semester 4 (Spring)**

<b>Course</b>	<b>SCH</b>
DS-130L      Introduction to Dairy Science Lab	0
DS-130      Introduction to Dairy Science	3
DS 312      Dairy Cattle Breeding and Evaluation	4
DS 312L      Dairy Cattle Breeding and Evaluation Lab	0
DS-481      Dairy Farm Operations II	4
DS-481L      Dairy Farm Operations Lab II	0
Electives      Could be DS 494, Internship or other	6
<b>Total Credits</b>	<b>17</b>
<b>Total Credit Hours for Degree</b>	<b>76</b>