PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the NATURAL RESOURCES CONSERVATION

Associate of Science Degree Program

Towards the

WILDLIFE AND FISHERIES SCIENCES MAJOR
Bachelor of Science Degree Program

Between
NORTHWEST IOWA COMMUNITY COLLEGE (NCC)
and
SOUTH DAKOTA STATE UNIVERSITY (SDSU)

I. Parties
The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Northwest Iowa Community College (NCC), Sheldon, IA.

II. Purpose
The purposes of this agreement are 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 NCC students who have completed an A.S. degree in Natural Resources Conservation an opportunity to earn a Bachelor of Science degree at SDSU with a major in Wildlife and Fisheries Sciences.

III. Academic Program
A. Students must successfully complete the A.S. degree in Natural Resources Conservation from NCC prior to transferring to SDSU for this agreement to apply. Upon successful completion of the major requirements specified herein, SDSU will accept 60 course credits from the A.S. degree in Natural Resources Conservation for students majoring in Wildlife and Fisheries Sciences at SDSU. 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 Wildlife and Fisheries Sciences are outlined below.

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

System General Education Graduation Requirements (SGRs): minimum 33 credits required of which 29 credits should be completed within the A.S. in Natural Resources Conservation at NCC and 4 credits at SDSU. If any of the requirements noted below as met at NCC are not completed at NCC, then the student will need to complete these requirements at SDSU or by transfer of approved equivalent courses.
1. Goal #1 Written Communication  
   a. ENGL 101, Composition I (3 credits, met at NCC by completion of ENG 105-A, Composition I) 
   b. ENGL 201, Composition II (3 credits, met at NCC by completion of ENG 106-A, Composition II) 

2. Goal #2 Oral Communication: SPCM 101, Fundamentals of Speech (3 credits, met at NCC by completion of SPC 112-A, Public Speaking) 

3. Goal #3 Social Sciences/Diversity (6 credits from 2 disciplines from approved list in SDSU Catalog). Met at NCC by completion of: 
   a. ECON 120-A, Principles of Macroeconomics (equivalent to ECON 202, Principles of Macroeconomics) 
   b. SOC 110-A Introduction to Sociology (equivalent to SOC 100, Introduction to Sociology) 

4. Goal #4 Arts and Humanities/Diversity (6 credits from 2 disciplines from approved list in SDSU Catalog). Met at NCC by completion of: 
   a. LIT 101-A, Introduction to Literature (equivalent to ENGL 210 Introduction to Literature) 
   b. PHI 105-A, Introduction to Ethics (equivalent to PHIL 220, Introduction to Ethics) 

5. Goal #5 Mathematics. Met at NCC by completion of MAT 121-A, College Algebra, 4 credits (equivalent to MATH 102, College Algebra, 3 credits) 

6. Goal #6 Natural Sciences  
   a. CHEM 106-106L, Chemistry Survey and Lab; or CHEM 112/112L, General Chemistry I and Lab (4 credits, met at NCC by completion of CHM 122-A, Introduction to General Chemistry or CHM 163-A/164-A, General Chemistry I and Lab, rather than the normal program requirement of CHM 110-A, Introduction to Chemistry) 
   b. PHYS 101-101L, Survey of Physics and Lab; or PHYS 111-111L, Introduction to Physics I and Lab (4 credits) 

SDSU’s Institutional Graduation Requirements (IGRs): 5 credits, all of which can be met at NCC 
1. IGR Goal #1 First Year Seminar: NRM 109-109L (met at NCC by completion of A.S. in Natural Resources Conservation) 
2. IGR Goal #2 Cultural Awareness and Social and Environmental Responsibility: (3 credits, met at NCC by completion of ENV 140-A, Natural Resources Biology, equivalent to NRM 110, Introduction to Natural Resource Management) 

Globalization requirement: met at NCC by completion of GEO 121-A, World Regional Geography, 3 credits (equivalent to GEOG 210, World Regional Geography) 

Advanced Writing requirement: Met by completion of major requirement below (ENGL 379, Technical Communication) 

Major and Support Course Requirements: Minimum 39 credits of which 7 credits should be completed at NCC and 32 credits at SDSU. 
1. BIOL 151-151L, General Biology I and Lab (4 credits, met at NCC by completion of BIO 105-A, Introductory Biology, 4 credits) 
2. BIOL 371, Genetics (3 credits) or BIOL 202-202L, Genetics and Organismal Biology and Lab (4 credits) 
3. CHEM 108-108L, Organic and Biochemistry and Lab (5 credits); or CHEM 120-120L, Elementary Organic Chemistry and Lab (4 credits); or CHEM 326-326L, Organic Chemistry I and Lab (4 credits) 
4. ENGL 379, Technical Communication (3 credits) 
5. NRM 230, Natural Resource Management Techniques (3 credits)
6. NRM 282-282L, Natural Resource Statistics and Lab (3 credits)
7. NRM 311 Principles of Ecology (3 credits)
8. PS 243, Principles of Geology (3 credits, met at NCC by completion of PHS 185-A, Introduction to Earth Science)
9. RANG 374-374L, Natural Resource Habitat Conservation, Management, and Restoration and Lab (4 credits)
10. WL 220, Introduction to Wildlife and Fisheries Management (3 credits)
11. WL 411-411L, Principles of Wildlife Management and Lab (3 credits)
12. WL 412-412L, Principles of Fisheries Management and Lab (3 credits)

Botany Requirement: Met at NCC by completion of BIO 125-A, Plant Biology (4 credits)

Organismal Group Electives. Select 3 of the following SDSU courses:
- WL 355-355L, Mammalogy and Lab (3 credits)
- WL 363-363L, Ornithology and Lab (4 credits)
- WL 367-367L, Ichthyology and Lab (3 credits)
- WL 418-418L, Ecology of Aquatic Invertebrates (3 credits)
- WL 427-427L, Limnology and Lab (3 credits)
- WL 434, Herpetology (3 credits)

Advanced Group Electives. Three courses total required, including ENV 145-A, Conservation Biology (4 credits) completed at NCC. Select 2 of the following SDSU courses:
- EES 425-425L, Disturbance and Restoration Ecology and Lab (3 credits)
- EES 430-430L, Biological invasions and Lab (3 credits)
- NRM 450-450L, Freshwater Monitoring and Assessment and Lab (3 credits)
- NRM 464, Ecosystem Ecology (3 credits)
- NRM 466-466L, Ecotoxicology and Contaminants and Lab (3 credits)
- NRM 482-482L, Natural Resource Management Biometry (3 credits)
- RANG 321, Wildland Ecosystems (3 credits)
- WL 415-415L, Upland Game Ecology and Management and Lab (3 credits)
- WL 417-417L, Large Mammal Ecology and Management and Lab (3 credits)
- WL 419-419L, Waterfowl Ecology and Management and Lab (3 credits)
- WL 421, Grassland Fire Ecology (3 credits)
- WL 425-425L, Wildlife Nutrition and Disease and Lab (3 credits)
- WL 429-429L, Ecology of Fishes and Habitat and Lab (3 credits)
- WL 431-431L, Advanced Fisheries Management and Lab (3 credits)

Human Dimensions Requirement:
1. WL 430-430L, Human Dimensions in Wildlife and Fisheries and Lab (3 credits)
2. NRM 300, Laws and Policies in Natural Resource Management, or WL 420-420L, Wildlife Law and Enforcement and Lab (3 credits)

Program or General Electives: If/as needed to reach 120 credits total as required for graduation.

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

Additional requirements:

a) Students transferring from NCC must have a minimum cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at NCC with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Wildlife and Fisheries Sciences Major.

b) Waivers:

1. Associate degree seeking students may be exempted from the proficiency examination requirement by meeting the following conditions.
   a. Earn a Composite score of 24 or higher on the ACT examination administered by ACT Inc. (residual ACT test scores may not be used to establish a waiver); OR
   b. Earn a verbal-mathematics score of 1090 or higher on the SAT; OR
   c. Meet the ACT College Readiness Benchmarks by meeting or exceeding each of the sub-scores below:
      i. Reading – 22
      ii. English – 18
      iii. Mathematics – 22
      iv. Science Reasoning – 23

2. To earn a waiver by relying on individual ACT sub-scores, students must meet or exceed all 4 sub-scores listed;

3. Students much achieve the necessary scores on the ACT or SAT prior to their initial entry into a regionally accredited postsecondary institution (postsecondary enrollments for dual credit, concurrent credit, or Advanced Placement do not count as enrollments for the purposes of this waiver process);

4. ACT & SAT scores must be recorded at a postsecondary institution within five years of taking the examination; OR

2) Student earning an Associates from a regionally accredited postsecondary institution in the United States (or those institutions accredited through an agency recognized by the U.S. Department of Education – Board of Regents Policy 2:5 Transfer of Credit) may be waived if they earn an Associate of Arts or Associate of Science.

C.) The College of Agriculture & Biological Sciences requires that at least 25 credits must be from upper-division (300 or higher) courses, with the exception that MATH 125, Calculus I, and MATH 225, Calculus III, may count up to 5 credits toward the total.

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 Northwest Iowa 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 2016 semester term at NCC and SDSU.

VII. Acceptance of Agreement

For South Dakota State University:

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

Dr. Dennis Hedge
Interim Provost and Executive Vice President for Academic Affairs

For Northwest Iowa Community College:

Rhonda Penning
Date: 7-22-16