



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM TITLE:</b>	<b>Agricultural Education, Communication &amp; Leadership (B.S.) - Agricultural Education Specialization [S.BS.AGCL-AGED]</b>
<b>CIP CODE:</b>	<b>13.1301</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Agriculture &amp; Biological Sciences</b>
<b>UNIVERSITY DIVISION:</b>	<b>Agriculture &amp; Biological Sciences</b>

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

Dennis D. Hedge

5/7/2018

\_\_\_\_\_  
Vice President of Academic Affairs or  
President of the University

\_\_\_\_\_  
Date

**1. This modification addresses a change in:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work        | <input type="checkbox"/> Total credits required for program      |
| <input type="checkbox"/> Program name  | <input type="checkbox"/> Existing specialization                 |
| <input type="checkbox"/> CIP Code  | <input type="checkbox"/> Other (explain below)                   |

**2. Effective date of change: 2018-2019 Academic Year**

**3. Program Degree Level:**

Associate  Bachelor's  Master's  Doctoral

**4. Category:**

Certificate  Specialization  Minor  Major

**5. If a name change is proposed, the change will occur:**

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

**Proposed new name:**

\_\_\_\_\_  
*Reminder: Name changes may require updating related articulation agreements, site approvals, etc.*

**6. Primary Aspects of the Modification:**

*Existing Curriculum*

*Proposed Curriculum (highlight changes)*

Pre	Num	Title	Cr Hrs	Pre	Num	Title	Cr Hrs
<b>System General Education Requirements</b>				<b>System General Education Requirements</b>			
	<b>31</b>				<b>31</b>		
	6	SGR 1 Written Communication			6	SGR 1 Written Communication	
		ENGL 101 Composition I (3)				ENGL 101 Composition I (3)	
		ENGL 201 Composition II (3)				ENGL 201 Composition II (3)	
	3	SGR 2 Oral Communication			3	SGR 2 Oral Communication	
		SPCM 101 Fundamentals of Speech				SPCM 101 Fundamentals of Speech	

## Existing Curriculum

## Proposed Curriculum (highlight changes)

SGR 3 Social Sciences/Diversity Agricultural Education, Communication and Leadership Specializations: ECON 201 Microeconomics (3) (recommended) OR ECON 202 Macroeconomics (3)			6	SGR 3 Social Sciences/Diversity Agricultural Education, Communication and Leadership Specializations: ECON 201 Microeconomics (3) (recommended) OR ECON 202 Macroeconomics (3)			6
SGR 4 Arts and Humanities/Diversity			6	SGR 4 Arts and Humanities/Diversity			6
SGR 5 Mathematics MATH 102 College Algebra			3	SGR 5 Mathematics MATH 102 College Algebra			3
SGR 6 Natural Sciences BIOL 101-101L Biology Survey I & Lab (3) AND CHEM 106-106L Chemistry Survey & Lab (4)			7	SGR 6 Natural Sciences BIOL 101-101L Biology Survey I & Lab (3) AND CHEM 106-106L Chemistry Survey & Lab (4)			7
<b>College Requirements</b>			<b>0</b>	<b>College Requirements</b>			<b>0</b>
Agricultural Education Requirements Group 1 Agricultural Electives (0)			0	Agricultural Education Requirements Group 1 Agricultural Electives (0)			0
<b>Major Requirements</b>			<b>46-47</b>	<b>Major Requirements</b>			<b>47</b>
Agricultural Education Specialization (46-47)				Agricultural Education Specialization (47)			
Major Core			7	Major Core			7
AS	101-101L	Introduction to Animal Science	4	AS	101-101L	Introduction to Animal Science	4
PS	103-103L	Crop Production & Lab	3	PS	103-103L	Crop Production & Lab	3
Agricultural Education Requirements			39-40	Agricultural Education Requirements			40
AGED	271	Farm and Ranch Management	3	AGED	271	Farm and Ranch Management	3
AGED	119	First Year Seminar	2	AGED	119	First Year Seminar	2
AGED/ FCSE	331	Work Based Learning	2	AGED/ FCSE	431	Work Based Learning	2
AGED	404-404L	Methods in AGED & Lab	4	AGED	404-404L	Methods in AGED & Lab	4
AGED	408	Supervision of Work Experience and Youth Organizations	2	AGED	408	Supervision of Work Experience and Youth Organizations	2
AGED	491	Independent Study - Welding	1	AGED	491	Independent Study - Welding	1
AGED	494	Internship	1	AGED	494	Internship	1
AS	241-241L	Introduction to Meat Science	3	AS	241-241L	Introduction to Meat Science	3
AS 285-285L Livestock Evaluation & Marketing & Lab (3) OR AGED 354 Agricultural Marketing and Prices (3)			3	AS 285-285L Livestock Evaluation & Marketing & Lab (3) OR AGED 354 Agricultural Marketing and Prices (3)			3
AST	202-202L	Construction Technology & Materials & Lab	2	AST	202-202L	Construction Technology & Materials & Lab	2
AST	211-211L	Ag and Outdoor Power & Lab for Teachers	1	AST	211-211L	Ag and Outdoor Power & Lab for Teachers	1
AST	311-311L	Applied Electricity for Teachers & Lab	1	AST	311-311L	Applied Electricity for Teachers & Lab	1
BIOL	103-103L	Survey of Biology II & Lab	3	BIOL	103-103L	Survey of Biology II & Lab	3
DS 130-130L Introduction to Dairy Science & Lab (3) OR DS 231 Dairy Foods (3) OR FS 101 Introduction to Food Science (3) OR FS 251 Food Safety and Quality Management Systems (3)			3	DS 130-130L Introduction to Dairy Science & Lab (3) OR DS 231 Dairy Foods (3) OR FS 101 Introduction to Food Science (3) OR FS 251 Food Safety and Quality Management Systems (3)			3
HO 111-111L Introduction to Horticulture & Lab (3) OR HO 231 Greenhouse Crop Production (2)			2-3	HO 111-111L Introduction to Horticulture & Lab (3) OR HO 231 Greenhouse Crop Production (2) HO 413-413L Greenhouse and High Tunnel Management & Lab (3)			3
NRM 110 Intro to Natural Resource Management (3) OR WL 220 Intro to Wildlife & Fisheries Management (3)			3	NRM 110 Intro to Natural Resource Management (3) OR WL 220 Intro to Wildlife & Fisheries Management (3)			3
PS	213-213L	Soils and Lab	3	PS	213-213L	Soils and Lab	3
Agricultural Education Teaching Specialization			33	Agricultural Education Teaching Specialization			34

*Existing Curriculum*

*Proposed Curriculum (highlight changes)*

Requirements				Requirements			
AIS	211	South Dakota American Indian Culture and Education	3	AIS	211	South Dakota American Indian Culture and Education	3
AGED	295	Practicum in CTE	1	AGED	295	Practicum in CTE	1
AGED	405	Philosophy of Career and Technical Education	2	AGED	405	Philosophy of Career and Technical Education	2
EDFN	351	Teaching & Learning I	1	EDFN	351	Teaching & Learning I	1
EDFN	352	Teaching & Learning II	3	EDFN	352	Teaching & Learning II	3
EDFN	352L	Teaching & Learning II Lab	2	EDFN	352L	Teaching & Learning II Lab	2
EDFN	453	Teaching & Learning III	5	EDFN	453	Teaching & Learning III	5
EDFN	454	Teaching & Learning IV	11	EDFN	454	Teaching & Learning IV	11
EDFN	475	Human Relations	3	EDFN	475	Human Relations	3
SEED	450	7-12 Reading and Content Literacy	2	SEED	450	7-12 Reading and Content Literacy	2
				SEED	456	Capstone/Action Research	1
<b>Electives</b>			<b>9-10</b>	<b>Electives</b>			<b>8</b>
Agricultural Education Electives			9-10	Agricultural Education Electives			8
Additional elective courses in agriculture or related fields required to reach the 120 hours required for graduation.				Additional elective courses in agriculture or related fields required to reach the 120 hours required for graduation.			
<b>Summary of Credits Agricultural Education, Communication and Leadership (B.S.) - Agricultural Education Specialization</b>							
<b>System General Education Requirements</b>			<b>31</b>	<b>System General Education Requirements</b>			<b>31</b>
<b>College Requirements</b>			<b>0</b>	<b>College Requirements</b>			<b>0</b>
<b>Major Requirements</b>			<b>46-47</b>	<b>Major Requirements</b>			<b>47</b>
<b>Major Core (7)</b>				<b>Major Core (7)</b>			
<b>Agricultural Education Requirements (39-40)</b>				<b>Agricultural Education Requirements (40)</b>			
<b>Ag Ed Teaching Specialization Requirements</b>			<b>33</b>	<b>Ag Ed Teaching Specialization Requirements</b>			<b>34</b>
<b>Electives</b>			<b>9-10</b>	<b>Electives</b>			<b>8</b>
<b>Total number of hours required for major, minor, or specialization</b>			<b>46-47</b>	<b>Total number of hours required for major, minor, or specialization</b>			<b>47</b>
<b>Total number of hours required for degree</b>			<b>120</b>	<b>Total number of hours required for degree</b>			<b>120</b>

**7. Explanation of the Change:**

The TLL Department submitted a course number change to switch FCSC/AGED 331 to 431.

The course, HO 231 Greenhouse Crop Production (2 credits), was eliminated during the recent review of courses not offered in 4 years. However, the department now teaches HO 413/L Greenhouse and High Tunnel Management and Lab (3 credits) instead. We have replaced this course as an option in the Ag Education specialization curriculum, although anticipate that most students will continue to take HO111/L to complete this requirement.

The 1 credit capstone experience for education students, SEED 456, was not previously included for Ag Education students. Adding this class to the curriculum will ensure that students are reflecting on their field experience in their final semester of residency.