



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

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM DEGREE:</b>	<b>Doctor of Philosophy (Ph.D.)</b>
<b>CURRENT PROGRAM MAJOR/MINOR:</b>	<b>Agricultural &amp; Biosystems Engineering</b>
<b>CURRENT SPECIALIZATION:</b>	<b>N/A</b>
<b>CIP CODE:</b>	<b>14.0301</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Agricultural &amp; Biosystems Engineering</b>
<b>BANNER DEPARTMENT CODE:</b>	<b>SABE</b>
<b>UNIVERSITY COLLEGE:</b>	<b>Jerome J Lohr College of Engineering</b>
<b>BANNER COLLEGE CODE:</b>	<b>3E</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

3/26/2025

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)                   |
| <input type="checkbox"/> Modification requiring Board of Regents approval<br><i>Must have prior approval from Executive Director or designee</i> |  |

**2. Effective date of change: 2025-2026 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:

**6. Is the program being modified associated with a current articulation agreement?**

Yes  No

- a. **If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain:** N/A

## 7. Primary Aspects of the Modification:

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
ABE	790	Seminar	1	ABE	790	Seminar	2
ABE	898D	Dissertation	40-60	ABE	898D	Dissertation	40-60
GSR	601	Research Regulations Compliance	1	GSR	601	Research Regulations Compliance	1
STAT	541	Statistical Methods II	3	STAT	541	Statistical Methods II	3
		Electives ( <i>Selected by the individual with committee approval.</i> )	15 (60 Hour Plan) 25 (90 Hour Plan)			Electives ( <i>Selected by the individual with committee approval.</i> )	14 (60 Hour Plan) 24 (90 Hour Plan)
Total number of hours required for degree			60 90	Total number of hours required for degree			60 90

## 8. Explanation of the Change:

During the Institution Program Review process, it was recommended by external review team to increase the ABE 790 Seminar credit requirements from 1 to 2 credits to coincide with other Agricultural & Biosystems Engineering Ph.D. programs nationally.