



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Biological Sciences (Ph.D.) - Agricultural & Biosystems Engineering Specialization
CIP CODE:	26.0101 – Biological Sciences Major 14.0301 – Agricultural & Biosystems Engineering Specialization
UNIVERSITY DEPARTMENT:	Grad Study Biology & Microbiology
UNIVERSITY DIVISION:	Graduate School

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	12/2/2019
Vice President of Academic Affairs or President of the University	Date

1. This modification addresses a change in:

- | | |
|-----------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input 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 checked="" type="checkbox"/> Other: Department Code |

2. Effective date of change: 2020-2021 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. Primary Aspects of the Modification:

Biological Sciences (Ph.D.) - Agricultural & Biosystems Engineering Specialization
[SPHD.BIL-ABE]

Current Department Code: SGBM – Grad Study Biology & Microbiology

Proposed Department Code: **SGAB** – Grad Study Agricultural & Biosystems Engineering

7. Explanation of the Change:

All specializations within the M.S. and Ph.D. in Biological Sciences have listed the department code for graduate study in Biology and Microbiology. Specializations under the Biological Sciences major actually align with six different departments based on the various disciplines. This modification will realign the specialization to the proper department code to reduce confusion with reporting and advising.

Program	Academic Program Code	Major CIP	Specialization CIP	Proposed Department Code	Modify
Biological Sciences (M.S.)	SMS.BIL	26.0101	NA	SGAF – Grad Study College of Agriculture, Food & Environmental Sciences	Y
Biological Sciences (M.S.) - Biology Specialization	SMS.BIL-BIO	26.0101	26.0101	SGBM – Grad Study Biology & Microbiology	N
Biological Sciences (M.S.) - Dairy Science Specialization	SMS.BIL-DS	26.0101	01.0905	SGDF – Grad Study Dairy & Food Science	Y
Biological Sciences (M.S.) - Food Science Specialization	SMS.BIL-FDS	26.0101	01.1001	SGDF – Grad Study Dairy & Food Science	Y
Biological Sciences (M.S.) - Microbiology Specialization	SMS.BIL-MIC	26.0101	26.0502	SGBM – Grad Study Biology & Microbiology	N
Biological Sciences (M.S.) - Natural Resource Management Specialization	SMS.BIL-NRM	26.0101	03.0101	SGNR – Grad Study Natural Resource Management	Y
Biological Sciences (Ph.D.)	SPHD.BIL	26.0101	NA	SGAF – Grad Study College of Agriculture, Food & Environmental Sciences	Y
Biological Sciences (Ph.D.) - Agricultural and Biosystems Engineering Specialization	SPHD.BIL-ABE	26.0101	14.0301	SGAB – Grad Study Agricultural & Biosystems Engineering	Y
Biological Sciences (Ph.D.) - Biology Specialization	SPHD.BIL-BIO	26.0101	26.0101	SGBM – Grad Study Biology & Microbiology	N
Biological Sciences (Ph.D.) - Dairy Science Specialization	SPHD.BIL-DS	26.0101	01.0905	SGDF – Grad Study Dairy & Food Science	Y
Biological Sciences (Ph.D.) - Food Science Specialization	SPHD.BIL-FDS	26.0101	01.1001	SGDF – Grad Study Dairy & Food Science	Y
Biological Sciences (Ph.D.) - Microbiology Specialization	SPHD.BIL-MIC	26.0101	26.0502	SGBM – Grad Study Biology & Microbiology	N
Biological Sciences (Ph.D.) - Molecular Biology Specialization	SPHD.BIL-MLB	26.0101	26.0204	SGBM – Grad Study Biology & Microbiology	N
Biological Sciences (Ph.D.) - Natural Resource Management Specialization	SPHD.BIL-NRM	26.0101	03.0101	SGNR – Grad Study Natural Resource Management	Y
Biological Sciences (Ph.D.) – Plant Molecular Biology Specialization	SPHD.BIL-PMB	26.0101	26.0308	SGAH – Grad Study Agronomy, Horticulture & Plant Science	Y
Biological Sciences (Ph.D.) - Plant Science Specialization	SPHD.BIL-PLS	26.0101	01.1102	SGAH – Grad Study Agronomy, Horticulture & Plant Science	Y
Biological Sciences (Ph.D.) - Veterinary Microbiology Specialization	SPHD.BIL-VTM	26.0101	51.2504	SGVB – Grad Study Veterinary & Biomedical Sciences	Y
Biological Sciences (Ph.D.) - Veterinary Pathobiology Specialization	SPHD.BIL-VTP	26.0101	51.2505	SGVB – Grad Study Veterinary & Biomedical Sciences	Y