



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

**Substantive Program Modification Form**

|                               |  |
|-------------------------------|--|
| <b>UNIVERSITY:</b>            | <b>SDSU</b>  |
| <b>CURRENT PROGRAM TITLE:</b> | <b>Biological Sciences (Ph.D.) – Food Science Specialization</b>                     |
| <b>CIP CODE:</b>              | <b>26.0101 – Biological Sciences Major<br/>01.1001 – Food Science Specialization</b> |
| <b>UNIVERSITY DEPARTMENT:</b> | <b>Grad Study Biology &amp; Microbiology</b>   |
| <b>UNIVERSITY DIVISION:</b>   | <b>Graduate School</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  | 12/2/2019 |
| Vice President of Academic Affairs or<br>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.) - Food Science Specialization [SPHD.BIL-FDS]**  
 Current Department Code: SGBM – Graduate Study Biology & Microbiology  
 Proposed Department Code: **SGDF** – Graduate Study Dairy & Food Science

**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.

| <b>Program</b>   | <b>Academic Program Code</b> | <b>Major CIP</b> | <b>Specialization CIP</b> | <b>Proposed Department Code</b>   | <b>Modify</b> |
|--|------------------------------|------------------|---------------------------|---|---------------|
| 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          | 19.0504                   | SGBM – Grad Study Biology & Microbiology                                | N             |
| Biological Sciences (Ph.D.) - Molecular Biology Specialization                       | SPHD.BIL-MLB                 | 26.0101          | 26.0502                   | SGBM – Grad Study Biology & Microbiology                                | N             |
| Biological Sciences (Ph.D.) - Natural Resource Management Specialization             | SPHD.BIL-NRM                 | 26.0101          | 26.0204                   | SGNR – Grad Study Natural Resource Management                           | Y             |
| Biological Sciences (Ph.D.) – Plant Molecular Biology Specialization                 | SPHD.BIL-PMB                 | 26.0101          | 03.0101                   | 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          | 26.0308                   | SGVB – Grad Study Veterinary & Biomedical Sciences                      | Y             |
| Biological Sciences (Ph.D.) - Veterinary Pathobiology Specialization                 | SPHD.BIL-VTP                 | 26.0101          | 51.2504                   | SGVB – Grad Study Veterinary & Biomedical Sciences                      | Y             |