



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

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM TITLE:</b>	<b>Pharmaceutical Sciences (Ph.D.)</b>
<b>CIP CODE:</b>	<b>51.2010</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Grad Study – Pharmacy &amp; Allied Health Professions</b>
<b>BANNER DEPARTMENT CODE:</b>	<b>SGPA</b>
<b>UNIVERSITY DIVISION:</b>	<b>Graduate School</b>
<b>BANNER DIVISION CODE:</b>	<b>3G</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 9/22/2020  
 Vice President of Academic Affairs or Date  
 President of the University

**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 checked="" 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:** 2021-2022 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:**

Existing Curriculum				Proposed Curriculum ( <i>highlight changes</i> )			
Pref.	Num.	Title	Cr.Hrs.	Pref.	Num.	Title	Cr. Hrs.
						60 Credit Plan	
				PHA	847	Grant Proposal and Academic Development	3
				PHA	890	Seminar	1
				PHA	898	Dissertation	30-50
						Other coursework as required by graduate advisory committee	6-26

*Existing Curriculum*

*Proposed Curriculum (highlight changes)*

Prof.	Num.	Title	Cr.Hrs.	Prof.	Num.	Title	Cr. Hrs.
90 Credit Plan				90 Credit Plan			
PHA	725	Advanced Concepts in Biomedical Sciences and Pharmacogenomics	3	PHA	725	Advanced Concepts in Biomedical Sciences and Pharmacogenomics	3
PHA	820	Advanced Concepts in Medicinal Chemistry	3	PHA	820	Advanced Concepts in Medicinal Chemistry	3
PHA	840	Advanced Concepts in Pharmacology	3	PHA	840	Advanced Concepts in Pharmacology	3
PHA	846	Techniques in Pharmaceutical Sciences	3	PHA	846	Techniques in Pharmaceutical Sciences	3
PHA	847	Grant Proposal and Academic Development	3	PHA	847	Grant Proposal and Academic Development	3
PHA	859	Advanced Concepts in Pharmaceutics	3	PHA	859	Advanced Concepts in Pharmaceutics	3
PHA	890	Seminar	2	PHA	890	Seminar	2
PHA	898	Dissertation	58	PHA	898	Dissertation	58
STAT	541	Statistical methods	3	STAT	541	Statistical Methods	3
		Electives Courses may be selected from pharmacy (PHA) and related disciplines (e.g. BIOS, BIOL, CHEM, ABS, STAT prefixes)	9			Electives Courses may be selected from pharmacy (PHA) and related disciplines (e.g. BIOS, BIOL, CHEM, ABS, STAT prefixes)	9
Total number of hours required for degree			90	Total number of hours required for degree			60-90

**7. Explanation of the Change:**

The proposed change adds a 60 credit plan option for students with a relevant master’s degree. Students will be required to take a seminar course, a grant proposal course, and dissertation credits. The coursework requirements will vary based on review of courses taken during the student’s master’s degree curriculum. The addition of the 60 credit plan will allow students to complete their PhD more efficiently.