



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

**Revised Course Request: Unique Course
(Substantive Modification)**

SDSU Institution	Brad Laible Form Initiator	Dan Hanson Dean's Approval Signature	5/22/2024 Date
SDSU Institution	Pharmacy and Allied Health Professions Division/Department	Dennis D. Hedge Institutional Approval Signature	10/8/2024 Date

Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
PHA 720	Introduction to Drug Discovery and Development	3

Course Description

An introduction to drug discovery and development, including the drug approval process, principles of drug action and chemistry, an overview of drug delivery, and fundamentals of pharmaceutical/biomedical research.

Section 2. Modification(s) Requested

2.1. This modification will include:

- A change in description/subject matter content (enter revised description below).**

This course explores the fundamental principles and processes involved in discovering novel drugs, including the drug approval process and related regulatory aspects, principles of drug action, fundamentals of drug chemistry, and an overview of pharmacokinetics and drug delivery. It provides insights into the latest trends, technologies, and regulatory frameworks shaping the new drug discovery landscape.

- Course Number change** 720 to 570

- Dual-listing at 400/500 level**

Effective term of the change: fall 2025

2.2. Add justification for all changes noted above:

PHA 720 Introduction to Drug Discovery and Development will be revised to a dual-listed 400/500 level course. This will allow the course to be taken by undergraduate students and by the Pharmaceutical Sciences M.S. and Ph.D. students. The depth of the current basic sciences content in PHA 720 will be condensed under the new course numbers PHA 470/570 to make room for new content on regulatory issues with emphasis on the drug discovery process. PHA 570 will have an additional requirement for a research paper as justification for graduate level.

Section 3. Other Course Information

3.1. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course database? Yes No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

	<u>Current</u>		<u>New</u>
<input type="checkbox"/> Change in University Department	Pharmacy and Allied Health Professions	to	No change
<input type="checkbox"/> Change in Banner Department Code	SPAH	to	No change
<input type="checkbox"/> Change in CIP Code	51.2001	to	No change