



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

New Course Request

SDSU	Pharmacy & Allied Health Professions / Pharmaceutical Sciences
Institution	Division/Department
Dennis D. Hedge	12/9/2020
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
PHA 769	Pharmaceutical Sciences Capstone	3

Course Description	A capstone project demonstrating integration and application of program content in pharmaceutical/biomedical sciences.
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Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

Registration Restrictions

Department approval.

Section 2. Review of Course

2.1. Was the course first offered as an experimental course? Yes No

2.2. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
PHA 719	Pharmacy Capstone	1

Provide explanation of differences between proposed course and existing system catalog courses below:

The proposed capstone course is unique to the content in the pharmaceutical sciences disciplines covered in the M.S. degree. Students will be asked to integrate the content from all of the courses in the program in the completion of the capstone project. Other capstone courses are also specific to their disciplines. For example, the pharmacy capstone course listed above is specific to the content of the Doctor of Pharmacy program and focuses on integration and application of content unique to pharmacy practice.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: The faculty workload will be adjusted to offer this course.

3.2. Existing program(s) in which course will be offered: Pharmaceutical Sciences (M.S.)

3.3. Proposed instructional method by university: I – Independent Study

3.4. Proposed delivery method by university: 001 – Face-to-Face Term Based Instruction; 015 - Internet Asynchronous – Term Based Instruction

3.5. Term change will be effective: Fall 2021

3.6. Can students repeat the course for additional credit? Yes No

3.7. Will grade for this course be limited to S/U (pass/fail)? Yes No

3.8. Will section enrollment be capped? Yes, max per section: 10 No

3.9. 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 system database in Colleague and the Course Inventory Report? Yes No

3.10. Is this prefix approved for your university? Yes No

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

4.1. University Department Code: SPAH

4.2. Proposed CIP Code: 51.2010

Is this a new CIP code for the university? Yes No

**NEW COURSE REQUEST
Supporting Justification for On-Campus Review**

<u>Hemachand Tummala</u> Request Originator	<u>Hemachand Tummala</u> Signature	<u>11/5/2020</u> Date
<u>Omathanu Perumal</u> Department Chair	<u>Omathanu Perumal</u> Signature	<u>11/5/2020</u> Date
<u>Daniel Hansen</u> School/College Dean	<u>Daniel Hansen</u> Signature	<u>11/5/2020</u> Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.
The students will utilize their theoretical knowledge in pharmaceutical sciences, comprehend the latest literature in the field, and propose a project/ application program content in a written report. The course will enhance the ability of student to comprehend the theoretical knowledge gained during the program and apply to a relevant research field in pharmaceutical and biomedical sciences.
2. Note whether this course is: Required Elective
Required for Option C of the M.S. in Pharmaceutical Sciences.
3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
None
4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.
N/A
5. Desired section size 10
6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
Gudiseva Chandrasekher, Ph.D., Associate Professor
Hemachand Tummala, Ph.D., Professor
Hesham Fahmy, Ph.D., Associate Professor
Jayarama Gunaje, Ph.D., Associate Professor
Joshua Reineke, Ph.D., Assistant Professor
Komal Raina, Ph.D., Associate Professor
Omathanu Perumal, Ph.D., Professor & Head
Shafiqur Rahman, Ph.D., Professor
Teresa Seefeldt, PharmD, Ph.D., Associate Professor & Associate Dean for Academic Affairs
Wenfeng An, Ph.D., Professor
Xiangming Guan, Ph.D., Professor and Associate Dean for Research

7. Note whether adequate facilities are available and list any special equipment needed for the course.
Adequate resources are available to deliver the course.
8. Note whether adequate library and media support are available for the course.
Adequate resources are available through Briggs Library at SDSU and Wegner Health Science resource center.
9. Will the new course duplicate courses currently being offered on this campus? Yes No
10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.
N/A