SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

New Course Request

SDSU	**College of Nursing / Undergraduate Nursing**
Institution	**Division/Department**
Dennis D. Hedge	2/5/2020
Institutional Approval Signature	**Date**

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
NURS 464	Genetics and Genomics in Nursing	3

Course Description

This course introduces human genetics and application of genetic and genomic concepts to nursing practice, health care, and society. The registered nurse student will explore the impact of genetic and genomic science on nursing care of clients and families across the lifespan. Ethical, legal, cultural, social and policy issues related to genetics and genomics will be discussed.

Pre-requisites or Co-requisites

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

Registration Restrictions

Admission to the RN to BSN program.

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
BIOL 202	Genetics & Organismal Biology	3
NURS 382	Nursing Practice in a Global Society	3

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

NURS 382 includes "genetics factors of health populations" in its course description. No other courses were specifically found to have genetics-related content. NURS 464 is a very unique course as it addresses human genetics and the implications for healthcare delivery across the lifespan. It also addresses the legal, ethical, societal and other issues that are encountered with genetics in the nursing career. BIOL 202 may focus on some of the same concepts, it is designed for a deeper look at cellular structures, gene function, and plethora of other very specific biological processes.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

☒ No. Schedule Management, explain below: The redesign of this plan of study will include at seven-week-per-course format. NURS 464 will be offered 3 times a year, the second half of each semester.

3.2. Existing program(s) in which course will be offered: Nursing (BSN) – RN to BSN Program

3.3. Proposed instructional method by university: D – Discussion/Recitation
3.4. Proposed delivery method by university: 019 - Internet Asynchronous - Non-Term Based Instruction
3.5. Term change will be effective: Fall 2020
3.6. Can students repeat the course for additional credit? ☐ Yes, total credit limit: ☒ 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: ☒ 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: SNUR
4.2. Proposed CIP Code: 51.3801
Is this a new CIP code for the university? ☐ Yes ☒ No

NEW COURSE REQUEST
Supporting Justification for On-Campus Review

Heidi Pelzel	Heidi Pelzel	11/26/19
Request Originator	**Signature**	**Date**
Melinda Tinkle	Melinda Tinkle	11/27/19
Department Chair	**Signature**	**Date**
Melinda Tinkle	Melinda Tinkle	11/27/19
School/College Dean	**Signature**	**Date**

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.
   This course is one of a kind and will benefit the curriculum by enhancing nursing knowledge of genetics and genomics. Students will describe how chromosomal and DNA abnormalities occur and translate into a disorder and learn to analyze how genetic/genomic factors influence selected health problems across the lifespan. Exploration of genetic technology and how it is utilized in therapeutic methods will be address. This course will explain the role that the field of genetics/genomics plays in healthcare and nursing, describe how individual genetic variability has an impact on disease risk and therapeutic outcomes. Additionally, students will discuss ethical, legal, cultural, social and policy implications of genetics/genomics on the public's health.
2. Note whether this course is: ☒ Required ☐ Elective
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 25

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
   Melinda Tinkle, Associate Dean of UG Nursing, PhD, RN
7. Note whether adequate facilities are available and list any special equipment needed for the course.
   No special equipment is needed and adequate facilities are available.
8. Note whether adequate library and media support are available for the course.
   There is adequate library and media support available.
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