SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

New Course Request

USD	School of Health Sciences
Institution	**Division/Department**
Elizabeth M. Freeburg	2/7/2018
Institutional Approval Signature	**Date**

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
PUBH 711	Topics in Applied Biostatistics	3

Course Description

The applied biostatistics course is designed for health science students to learn basic SAS programming skills, how to analyze and interpret large health data sets. Topics include: Introductory SAS language, data management, graphics, summary statistics, data sets, variables and functions, and PROC procedures. Introduction to descriptive and inferential statistical methods; experimental designs, linear regression models, survival analysis.

Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
PUBH 701	Biostatistics in Public Health	Pre-req

Registration Restrictions N/A

Section 2. Review of Course

2.1. Was the course first offered as an experimental course?

☐ Yes *(if yes, provide the course information below)* ☒ No

2.2. Will this be a unique or common course?

If the request is for a unique course, verify that you have reviewed the common course catalog via Colleague and the system Course Inventory Report to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form.

☒ **Unique Course**

Prefix & No.	Course Title	Credits
HSC 731	Biostatistics II	3
PUBH 701	Biostatistics for Public Health	3

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

This online course will build on topics introduced in PUBH 701 and teach students how to analyze and interpret large health data sets. This course differs from existing course offerings in that it will focus on the use of SAS programming language, data management, and advanced statistical methods specific to health related data sets.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

☒ **No**. Schedule Management, explain below: Faculty workload is available. This course will be offered on a rotation.

3.2. Existing program(s) in which course will be offered: Public Health (M.P.H.)

3.3. Proposed instructional method by university: R - Lecture

3.4. Proposed delivery method by university: 018 - Internet Asynchronous

3.5. Term change will be effective: Fall 2018

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: 33 ☐ 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: UHSDN

4.2. Proposed CIP Code: 51.2001

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