SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

New Course Request

SDSU	Natural Sciences / Geography & Geospatial Sciences
Institution	**Division/Department**
Dennis D. Hedge	3/25/2020
Institutional Approval Signature	**Date**

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
GEOG / PUBH 440	Health Geography	3
GEOG / PUBH 540	Health Geography	3

Course Description

The course will explore the history of health geography, its role in public health and other health applications, the use of maps, geospatial methods and GIS within health programs and initiatives, all from the geographic perspective and how place impacts the overall health of communities.

Pre-requisites or Co-requisites

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

Registration Restrictions

None

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
GEOG 786	Geographic Info Systems	3
GEOG 743	Geospatial Analysis	3

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

Health geography is becoming more popular and in demand among geography, GIS and health professionals. The course will provide studies in health geography real-world health applications, seeing health issues through a geographic perspective of how place has a direct impact on the overall health of populations and communities. GEOG 786 and GEOG 743 cover GIS and spatial data analysis, but they do not apply geographic methods and theories related to health issues. This new course combines the topic of health issues and spatial analysis (i.e., GIS) to create a unique learning experience for students.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

☒ No. Schedule Management, explain below: This course is an area of specialty for a faculty member and online instructor and will be taught once a year.

3.2. Existing program(s) in which course will be offered: Geography (B.S., M.S.), Geographic Information Sciences (B.S.), Geography (M.S.) – Geographic Information Sciences Specialization, Public Health (M.P.H.)

3.3. Proposed instructional method by university: R – Lecture

3.4. Proposed delivery method by university: 015 – Internet Asynchronous–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: 15   ☐ 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: SGGS

4.2. Proposed CIP Code: 45.0702

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

NEW COURSE REQUEST
Supporting Justification for On-Campus Review

Bob Watrel	Bob Watrel	12/9/2019
Request Originator	**Signature**	**Date**
Bob Watrel	Bob Watrel	12/9/2019
Department Chair	**Signature**	**Date**
Matt Miller	Matt Miller	2/11/2020
School/College Dean	**Signature**	**Date**

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

    Health geography uses geographic methods and theories, including the role of place, location and geography to explore health using a holistic approach to investigate diseases and well-being initiatives. Health geography is becoming more popular and in demand among geography, GIS and health professionals. This is a new course offering within the Geography and the Master of Public Health programs. It will be the first Geography course offered in the Master of Public Health program. The course will provide studies in health geography real-world health applications, seeing health issues through a geographic perspective of how place has a direct impact on the overall health of populations and communities. Geography students will gain knowledge of a growing discipline of geography. Public health students will gain knowledge on the role of place in assessing health programs for niche population groups.

    Health geography plays a vital role in research and studies of public health and other health applications. Geographic methods can help health professionals develop health programs more accurately suited for specific locations. By introducing students from Geography, Natural Sciences and health to these methods, they will all gain additional insight into public health and health care assessment by looking at how location and place impact the health of communities and specific population groups.

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.
    Requirements for graduate students will entail higher rigor in exams, exercises and longer final project.

5. Desired section size   20

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
    Peggy Harper, Instructor, MS, MPH

7. Note whether adequate facilities are available and list any special equipment needed for the course.
    Online course. Adequate facilities are available through Geography department.

8. Note whether adequate library and media support are available for the course.
    This is adequate library support.

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