



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

New Course Request

SDSU	Van D. & Barbara B. Fishback Honors College
Institution	Division/Department
Dennis D. Hedge	10/22/2024
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
HON 310	Thinking in Systems	1
GE 310	Thinking in Systems	1

Course Description
This course will provide students with the skills to address complex problems through the foundations of systems thinking. Students will learn to characterize systems, map relationships, and understand perspectives. Students will demonstrate critical analysis of systems relevant to their interests and collaborate with peers on cross-disciplinary projects.

Pre-requisites or Co-requisites

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

Registration Restrictions

None

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
ABS 203	Global Food Systems	3
GE 385	Introduction to Systems Engineering and Management	3

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

ABS 203 Global Food Systems and GE 385 Introduction to Systems Engineering and Management both focus on specific systems (food and agriculture, engineering processes). HON / GE 310 Thinking in Systems will allow students to explore systems beyond these specific areas and provide students with background and practice applying systems thinking theory. The course will be open to students from all majors rather than focused on a single major/discipline. HON 310/GE 310 will be a more hands-on and applied course, and it will be offered for 1 credit rather than 3.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: This course will be part of the workload for an existing faculty member. This class is currently being offered as HON 390 Seminar.

3.2. Existing program(s) in which course will be offered: Applied Thinking & Innovation Minor, Honors College Distinction, Healthcare Systems Engineering (B.S.)

3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): D - Discussion

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001 - Face to Face

3.5. Term change will be effective: Fall 2025

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: 35 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: Fishback Honors College

4.2. Banner Department Code: SHON

4.3. Proposed CIP Code: 30.9999

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

NEW COURSE REQUEST

Supporting Justification for On-Campus Review

<u>Hanna Holmquist</u> Request Originator	<u>Hanna Holmquist</u> Signature	<u>9/6/2024</u> Date
<u>Rebecca Bott-Knutson</u> Department Chair	<u>Rebecca Bott-Knutson</u> Signature	<u>9/6/2024</u> Date
<u>Rebecca Bott-Knutson</u> School/College Dean	<u>Rebecca Bott-Knutson</u> Signature	<u>9/6/2024</u> Date

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

HON/GE 310 Thinking in Systems will focus on teaching systems thinking in a multi-disciplinary format that can help students understand and apply complex topics in any area of study. This course is currently offered as a HON 390 Seminar. The course will be a requirement for the Applied Thinking and Innovation Minor and Healthcare Systems Engineering (B.S.).

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?

The course will be available to any student as an elective.

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 35

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

Hanna Holmquist, Honors Instructor of Curricular Innovation, M.S.

7. Note whether adequate facilities are available and list any special equipment needed for the course.

Adequate facilities are available. No special equipment is needed.

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

Adequate library and media support are 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