1. Course Information:

1.1 Course Prefix and Number: SUS 310
   Course Title: Human & Social Dimensions of Sustainability
   (If a new or renumbered course, please check with the Registrar regarding the use or reuse of the course number)

1.2 ☒ This is a New Course.
   OR
   ☐ This is a Major Course Revision
   OR
   ☐ This is a Minor Course Revision

If this is a Course Revision, please see Course Proposal Form – Instructions and Guidance to determine if your revision is major or minor. Indicate below the reason(s) for the revision.

(Please check all that apply)

☐ Course Number/Division ☐ Learning Outcomes ☐ Institutional Resources
☐ Title ☐ Concepts, Content ☐ Semester Offered
☐ Credit hours ☐ Catalog Description ☐ Course Inactivation
☐ Pre- or Co-requisite(s) ☐ Instructional Methods ☐ Course Reactivation
☐ Format ☐ General Education

1.3 General Education knowledge and skills area (if applicable): If none, check here ☒

☐ American History ☐ Humanities ☐ Other World Civilizations
☐ The Arts ☐ Mathematics ☐ Social Sciences
☐ Basic Communication ☐ Natural Sciences ☐ Western Civilization
2. Proposer Need Statement:

2.1 Describe why this course (or course revision) is needed to meet current or proposed goals and outcomes of the program or College, and, if a revision, provide an explanation of and justification for the revision.

This is a required course for the new online B.S. in Sustainability Management. This course introduces students to the role of social systems and systems of governance and how the two influence and undermine environmental sustainability. This foundational course directly relates to program learning outcome one which is to analyze the complex interactions among and between the three pillars of sustainability: the environment, the economy, and society with a focus on identifying areas of potential conflict/opportunity. Additionally, it gives students exposure to qualitative and quantitative skills that will be further developed in later program courses, and exposes them to the principles and best practices of addressing real-world sustainability problems.

2.2 List the pre-requisite or co-requisite courses (taught within the home department or taught by another department) and explain their relationship to the proposed course.

None

2.3 Explain the impact of this course in meeting the goals and outcomes of other Departments/programs (if any).

This course was designed to meet the goals and outcomes of the online Sustainability Management B.S. We do not expect enrollment from other departments or programs.

2.4 If the proposed course is designed to fulfill SUNY General Education Requirements, the Associate Provost for Instruction must review this proposal to ensure that General Education Requirements will be met for the specified knowledge area (See Instructions and Guidance).

Please provide an explanation of how this course fulfills SUNY General Education Requirements.

N/A

2.5 What are the staffing requirements (instructor, TA, Lab tech, etc.) for this course? If a new course, are there new staffing needs or are there adequate staff members already in place? If a revised course, are there additional staffing needs?

All required staffing is in place.

2.6 What Department (or extra-Department) resources are or will be made available to support the course or course revision?

ESF Open Academy staffing, supplemented by a SUNY Performance Improvement fund award, are and will be available to support the course.

2.7 Anticipated Enrollment (enter where applicable)

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<th>Fall Semester</th>
<th>Spring Semester</th>
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2.8 Anticipated frequency of class meetings. N/A, this is an online course.
3. DETAILED COURSE DESCRIPTION

3.1 COURSE IDENTIFICATION AND FORMAT:

3.1.1 Course Prefix and Number: SUS 310
3.1.2 Course Name: Human and Social Dimensions of Sustainability
3.1.3 Credit Hours: 3.0
3.1.4 Semester (check all that apply): Fall ☒ Spring ☐ Summer ☒
3.1.5 Format (check as appropriate): Lecture ☐ Online ☒ Lab ☐ Field ☐ Other ☐ (explain)
3.1.6 Contact hours per week: Three hours per week
3.1.7 Prerequisite(s) – if none, please enter "None" (Be specific, as Upper Division courses and Graduate courses will likely have some pre-requisite knowledge) None.

3.2 SCOPE:

3.2.1 Level of Instruction (check one, or two if a shared resource course):
   Lower Division ☐ Upper Division ☒
   Beginning Graduate ☐ Advanced Graduate ☐

3.2.2 Relation to curriculum or to other ESF or Syracuse University courses:
   a. Is this a required course? No ☐ Yes ☒. If Yes, please list the program(s) for which it is a requirement: Sustainability Management
   b. Is this an elective course within your department? No ☒ Yes ☐.
   c. Is enrollment in this course restricted? No ☐ Yes ☒. If Yes, please explain: There is priority for online students enrolled in the Sustainability Management B.S. program.
   d. Are other ESF or SU courses similar or identical to this course? No ☒ Yes ☐. If Yes, please identify the courses:
   e. Is this course a shared resource offering (i.e. is there a graduate or undergraduate concurrent offering)? No ☒ Yes ☐. If Yes, what is the course number of the concurrent offering?

3.3 STUDENT LEARNING OUTCOMES:

Identify the student learning outcomes associated with this course.

Upon successful completion of this course, you will be able to:

1. Describe the role of local culture, sociology, and psychology in shaping individual and community decision-making regarding the equitable distribution of community resources.

2. Describe social systems and dynamics and how they are influenced by political, economic and environmental factors.

3. Identify factors which foster sustainable communities in different contexts.

5. Apply best-practices towards sustainable communities design.

3.4 **MAJOR CONCEPTS, PROCESSES or TOOLS:**

Identify the course content and themes (e.g. Table of Contents) consistent with the learning domains and outcomes.

In this course, the main themes include exploring the human dimensions of sustainability, with a focus on socioeconomics, public health and human environmental interactions. Student Learning Outcomes frame social sustainability within a systems context and evaluate sustainability from societal, cultural and psychological underpinnings. Program Learning Outcome 1 analyzes the complex interactions among and between the three pillars of sustainability: the environment, the economy, and society with a focus on identifying areas of potential conflict/opportunity and Student Learning Outcome 3, 4 and 5 look at the factors -- from a bevy of scales -- that foster sustainable communities and policy. Students will use a range of tools that will be utilized throughout the program, including portfolio development and quantitative software (e.g., iTREE, GIS).

3.5 **INSTRUCTIONAL METHODS:**

Identify the methods used to meet the course outcomes, as well as the principal instructional methods.

Read, view course materials and resources, write, complete graded assignments, work individually and collaborate with partners and/or small groups, active participation and engagement with course materials, online discussion forums. Compilation of a student portfolio. There will also be student to instructor and student to student interaction through discussions, assignments, and feedback.

3.6 **CATALOG DESCRIPTION**

Provide the course description using the precise format to be included in the ESF catalog (i.e. course number and title; format; brief description; semester(s) offered; and pre-/co-requisites). Please do not exceed 1000 characters.

SUS 310: Human and Social Dimensions of Sustainability; Online; This course explores how social systems and systems of governance, individual and collective human behaviors, attitudes, values, and ethics influence sustainability. It considers examples of the forces and factors which may or may not foster sustainable human and natural communities and ecosystems. In essence, this course seeks to define “what is a sustainable society?” Fall, with Spring and Summer as needed.

Pre-requisites: None

Note: Enrollment in the Sustainability Management major, or permission of Sustainability Management program advisor, is required.

3.7 **COURSE HISTORY:**
Provide the dates of prior approval of this course, and its revision history. N/A

3.7.1 **Relationship to current ESF courses**

This course is replacing a current ESF course  □ YES  ☒ NO

If NO, then proceed to section 4 below.

If YES, then provide below the number and name of the course to be deactivated and removed from the catalog once this course proposal has been approved:

Course Number (of the course to be replaced)  N/A
Course Name (of the course to be replaced)  N/A

If the course to be replaced is used by departments other than the department sponsoring this proposal, please indicate below which departments are affected and the date they were notified about the course replacement.

Department: N/A  Date of Notification:
Department:  Date of Notification:
Department:  Date of Notification:
Department:  Date of Notification:
4. Institutional Impacts:

This section pertains to forecasting institutional resource needs to support the course or course revision. Provide clear statements regarding the needs and current availability (or absence) of resources. Note that, if this is a course revision, only the impacts of the revision should be included.

Staffing needs: Staff is already in place

Classroom resources (e.g. physical facilities in a laboratory, lecture hall, flexible space, academic computing): N/A

Technology Resources: Blackboard Learning Management System is already in place.

Computing Resources (software licensing, hardware, access): ESF Computer and Network Services (e.g., Office 365, E-mail), Blackboard is already in place.

Library Resources (subscriptions, services): Existing support, resources, and access for off-campus students

Transportation Requirements (budget, fees, fleet vehicles): N/A

Forest Properties or Field Practicum Facilities: N/A
5. Health and Safety Considerations:

Will any of the conditions or situations outlined below be present in association with the course?  Yes / No

5.1. Will substances with any of the following properties be used during instruction: flammability, toxicity, corrosivity, reactivity, registered pesticide, legally controlled, or other characteristics with the potential to cause harm or injury?  ☐ / ☒

5.2. Will any physical hazards be present during instruction? (e.g., machines that need safety guards; razor blades or syringes; compressed gases, etc.).  ☐ / ☒

5.3. Will any biological hazards be present during instruction? (e.g., handling animals (rabies or hantavirus); cultures or stocks of infectious agents (fungal spores, viruses, bacteria, etc.).  ☐ / ☒

5.4. Will any radiation hazards be present during instruction? (e.g., radioisotopes, X-rays, ultraviolet rays, lasers, etc.).  ☐ / ☒

5.5. Will any electrical equipment that, due to its design, location, or method of use, pose any threat to safety during instruction? (Give considerable thought to electrical use outdoors, or any potentially wet location.).  ☐ / ☒

5.6. Will there be any personal safety issues related to the class? (e.g., due to time of day or location, at the end of any organized class exercise, will students be in danger of physical assault, etc.).  ☐ / ☒

5.7. Will any students be driving official state or research sponsored land or water vehicles during any class or instructional exercise?  ☐ / ☒

5.8. Will any type of personal protective equipment be necessary during class exercises? (e.g., hard-hats, eye/face protection, hearing protection, hand/foot protection, lab coat, visibility clothing, etc.)  ☐ / ☒

If the answer was “Yes” to any of the HEALTH AND SAFETY questions, please explain:

For lab and field courses to which all answers are “no”, you should explain that here, also. Normally, we would expect some safety precautions for such courses. N/A
6. Coordination and Consultation

Emails/letters, as noted below and attached to this proposal, or signatures below, indicate that the affected departments, programs or units have been notified of this proposal and have had an opportunity to assess the impact of the proposal on their respective units.

**Affected Academic Department(s) or Program(s) – other than the sponsoring department:**

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<tr>
<th>Department/Program</th>
<th>Chair Signature</th>
<th>Name of Chair/Program Director</th>
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[if more than three Departments/Programs, please continue on a separate page]

**Other Units:**

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<th>Name of Chair/Program Director</th>
<th>Or letter attached</th>
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<td>Associate Provost for Instruction &amp; Dean of the Graduate School (for Gen Ed courses only)</td>
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Rev 05/09/2016
7. Proposer Information and Sponsoring Department Chair Affirmation:

Contact Person:
Name: Douglas Johnston
Department: Landscape Architecture
Email: dmjohnst@esf.edu
Phone: 315-470-6544

This proposal has been reviewed and approved by the sponsoring Department. Affected departments have been notified and given the opportunity to provide feedback. Department resources are or will be made available to support the course, or a plan is in place to meet the resource needs as identified in the Institutional Impacts section of this proposal (see Section 4, above).

Name: Chuck Spuches
Date: 9/13/18
Department Chair (or designated curriculum representative)
Signature: ________________________________
Or letter attached ☐
Department Chair (or designated curriculum representative)

8. Approvals:

__________________________________________  __________________________
Curriculum Committee  Date

__________________________________________  __________________________
Faculty Governance  Date

__________________________________________  __________________________
Provost  Date