

# SUSTAINABILITY STUDIES (SUS)

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## Courses and Descriptions

### **SUS 100 Introduction to Sustainability Studies 3 Credits**

Sustainability investigates interconnections between our environment, economy, and society with the goals of promoting human welfare and planetary stewardship for current and future generations. Students will explore how human societies are altering the earth and investigate cutting-edge solutions to promote better qualities of life as well as the conservation of natural ecosystems on which our lifestyles depend. By exploring central themes of sustainability (systems approach, circular economies, carbon neutrality, environmental justice, and ecological restoration) through different academic lenses, students will appreciate the interdisciplinarity of the sustainability enterprise. Course may include field trips (on and off campus) and laboratory exercises (indoors and outside).

### **SUS 400 Sustainability Studies Seminar 3 Credits**

To synthesize sustainability studies coursework and internship experiences, students will collaboratively develop and implement a sustainability project on the Rider campus, aiming to simultaneously reduce both depletable resource use and environmental impact. Seminar sessions will explore the historical development of current systems and innovative thinking related to sustainability planning related to the focal issue. Specific topic at discretion of the instructor. Prerequisite(s): SUS 100, SUS 100L.

**Corequisite(s):** SUS 400 or as prerequisite or permission of instructor.

### **SUS 490 Independent Study: Research and Creative Expression 1-4 Credits**

Immerses the student in applying sustainability principles in a field setting. Students are expected to assess the outcomes of their projects and communicate their results verbally and in writing to interested audiences.

### **SUS 491 Internship in Sustainability 1-4 Credits**

A supervised work/service experience in an approved organization where students gain understanding and experience with applying sustainability principles. Placements may be in private, public, educational, non-profit or governmental organizations. Students are expected to include measurement and documentation of the environmental, social, and economic impact of their work. A minimum of 50 hours of work is required for one credit. At least 150 hours are required to earn 3 credits.