

# SUSTAINABILITY (SUS)

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## **SUS 101 Introduction to Sustainability (4 Credits)**

Explores the environmental, social, and economic dimensions of sustainability. Defines and applies basic principles of sustainability to address today's most pressing environmental and social challenges. Develops an understanding of how individual behaviors affect community and global health. Approaches sustainability from a multidisciplinary perspective by integrating faculty from across the curriculum, including public health, biology, natural resources, sociology, and economics. Includes 4 hours of service learning at an off-campus location.

## **SUS 102 Introduction to Environmental Science and Sustainability (4 Credits)**

Examines the science behind current environmental issues and sustainable solutions to problems. Focuses on ecological systems and case studies from Oregon and the Pacific Northwest. Labs may include field trips.

## **SUS 103 Physical Science of Climate Change (4 Credits)**

**Recommended preparation:** MTH 060 or higher or minimum placement Math Level 10.

Examines the science behind current environmental issues and sustainable solutions to problems. Focuses on the causes of human-caused climate change and potential mitigation from a science perspective. Lab included.

## **SUS 180 Co-op Work Experience Sustainability (1-4 Credits)**

**Prerequisites:** Instructor approval.

Provides experience in which students apply previous classroom learning in an occupational setting. Credits depend on the number of hours worked. Repeatable for credit. P/NP grading.

## **SUS 199 Selected Topics: Sustainability (1-4 Credits)**

Provides a learning experience in Sustainability not currently available; this course is in development to be proposed as a permanent course.

## **SUS 210 Creating a More Sustainable Society (4 Credits)**

**Recommended preparation:** SUS 101 or SUS 102 or SUS 103.

Empowers students to act, both individually and collectively, to strive to create a more sustainable world. Specific topics include climate change, air and water pollution, natural resource use, and food and agriculture issues. Approaches sustainability using a multi-disciplinary and systems-thinking approach, with a priority placed on the implementation of actionable solutions.

## **SUS 220 Sustainable Food and Agriculture (4 Credits)**

Explores the environmental, social, and economic impacts of our food choices and growing practices. Introduces sustainability and regenerative agriculture concepts in the classroom, then engages with them firsthand at select Central Oregon farms, ranches, and supporting organizations.

## **SUS 280 Co-op Work Experience Sustainability (1-4 Credits)**

**Prerequisites:** Instructor approval.

Provides experience in which students apply previous classroom learning in an occupational setting. Credits depend on the number of hours worked. Repeatable for credit. P/NP grading.

## **SUS 298 Independent Study: Sustainability (1-6 Credits)**

**Prerequisites:** Instructor approval.

**Recommended preparation:** prior coursework in the discipline.

Individualized, advanced study to focus on outcomes not addressed in existing courses or of special interest to a student. P/NP grading.

## **SUS 299 Selected Topics: Sustainability (1-4 Credits)**

Provides a learning experience in Sustainability not currently available; this course is in development to be proposed as a permanent course.