

# LAND270C : Sustainable Landscape Principles and Practices

Introduces and examines the principles and practices required to create a sustainable environment. Issues facing communities locally and globally will be examined and discussed. Emphasis will be placed on methods used to create landscapes that improve the environment by conserving resources and reducing chemical application. Students will learn how site design, plant selection, and pest and water management practices influence the sustainability of the designed landscape.

**Credits 4**

**Lab/Practicum/Clinical Hours 2**

**Lecture Hours 3**

## **Learning Outcomes**

- Gain and demonstrate an understanding of basic ecological design principles.
- Apply principles to the art and science of landscape design, integrating form, function, feasibility, and fitness of landscape features into a unified and harmonious whole with respect to surrounding natural systems.
- Understand basic ecological and environmental literacy, its implications on site, and reveal such implications in design work and in dialogues.