

COURSE DETAIL

ENVIRONMENTAL DESIGN

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

113

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL DESIGN

UCEAP Transcript Title

ENVMTL DESIGN

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

Ecological design is a design form that integrates the life process and reduces the impact of environmental damage; it is an effective way to adjust and integrate natural processes. Integration means designing that respects species diversity, reduces resource consumption, preserves nutrient and water cycles, maintains habitat quality, and pays attention to all other prerequisites for human and ecosystem health. In response to the impact of climate change on the ecological environment and human life, this course starts from ecologically- oriented thinking and discusses three unit themes from macro to micro: ecological environment planning, activity introduction planning, and ecological space design/ecological product design. In addition, through the topic discussion and practical exercises of each unit, students are cultivated to have the professional ability of ecologically oriented planning and design.

Language(s) of Instruction

Chinese

Host Institution Course Number

HORT5049

Host Institution Course Title

ENVIRONMENTAL DESIGN

Host Institution Campus

Host Institution Faculty

College of Bioresources and Agriculture

Host Institution Degree

Host Institution Department

Department of Horticulture and Landscape Architecture

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