

## COURSE DETAIL

### FOREST ECOHYDROLOGY

**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**

163

**UCEAP Course Suffix****UCEAP Official Title**

FOREST ECOHYDROLOGY

**UCEAP Transcript Title**

FOREST ECOHYDROLOGY

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

Understanding the systems that control the circulation of water between the atmosphere, soil, and plant is clearly important for a general understanding of the hydrological cycle and the way that the ecosystem operates and survives. This course consists of two sections. The first section deals with the basics of plant-water relations and water fluxes in forests. The second section explores the soil moisture dynamics and its effect on plant ecophysiology and hydrological processes. This course explores the fundamentals of ecohydrology in forest ecosystems, with a special emphasis on plant-water relations and soil moisture dynamics. This course also covers the issues of climate change, based on the forest-atmosphere interaction through soil moisture.

## Language(s) of Instruction

English

## Host Institution Course Number

Forest5063

## Host Institution Course Title

FOREST ECOHYDROLOGY

## Host Institution Course Details

[https://nol2.aca.ntu.edu.tw/nol/coursesearch/print\\_table.php?course\\_id=625%20U2...](https://nol2.aca.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=625%20U2...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Forestry

## Course Last Reviewed

2022-2023

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