

## COURSE DETAIL

### AGRICULTURAL WATER RESOURCES PLANNING

**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**

129

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

AGRICULTURAL WATER RESOURCES PLANNING

**UCEAP Transcript Title**

AGRICULTURAL WATER

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course discusses agricultural water resource planning issues and related subjects. The course covers agricultural water usage, irrigation water usage estimation, irrigation methods, irrigation regulation, irrigation management; agricultural water supply (source, pump, water rights, effective rainfall); water shortage risk analysis and planning assessment. Other topics include relationship between water, soil, and crops; effective rainfall, irrigation system configuration; and regional irrigation of crops.

## Language(s) of Instruction

Chinese

## Host Institution Course Number

BSE5129

## Host Institution Course Title

AGRICULTURAL WATER RESOURCES PLANNING

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Bioenviromental Systems Engineering

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