

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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