COURSE DETAIL

RIVER ECOLOGY CONCEPTS AND APPLICATIONS
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 103
UCEAP Course Suffix
UCEAP Official Title RIVER ECOLOGY CONCEPTS AND APPLICATIONS
UCEAP Transcript Title RIVER ECOLOGY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course develops an understanding of physio-chemical and ecological aspects of the freshwater systems, especially for Taiwan rivers; explains the causes and consequences of human modification of fresh waters, and their implications for conservation of aquatic biodiversity and maintenance of human well- being; describes the techniques which may be used to quantify the status of (and monitor the changes in) instream and riparian ecological niches; and introduces the range of management strategies that can be used to reduce or mitigate human impacts on freshwater ecosystems and maintain water quality; and the concept of drainage basin management. Assessment: final exam, coursework, assignments, projects.

Language(s) of Instruction
English

Host Institution Course Number
BSE5045

Host Institution Course Title
RIVER ECOLOGY CONCEPTS AND APPLICATIONS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Bioenviromental Systems Engineering

Course Last Reviewed
2022-2023

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