COURSE DETAIL

RIVER ENGINEERING
Country Korea, South
Host Institution Yonsei University
Program(s) Yonsei University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Civil Engineering
UCEAP Course Number 120
UCEAP Course Suffix
UCEAP Official Title RIVER ENGINEERING
UCEAP Transcript Title RIVER ENGINEERING
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

The course introduces fundamental issues including river morphology, streamflow measurements, open-channel hydraulics, water quality issues, and sediment transport. It covers advanced issues on water resources-related subjects. Students are required to use knowledge acquired in elementary fluid mechanics, hydraulics, and hydrology. Topics include foe engineering issues, investigation of rivers, planning, in-stream structures, and urban streams. Students learn general features of rivers, role of river engineering, and how to manage rivers for both nature and humans.

Prerequisite: Elementary Fluid Mechanics

Language(s) of Instruction
English

Host Institution Course Number
CEE3422

Host Institution Course Title
RIVER ENGINEERING

Host Institution Course Details
http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?&hakno=CEE3422&bb=01&...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil and Environmental Engineering

Course Last Reviewed
2021-2022

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