COURSE DETAIL

SUSTAINABLE RESOURCE ENGINEERING
Country Korea, South
Host Institution Yonsei University
Program(s) Yonsei University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies Civil Engineering
UCEAP Course Number 103
UCEAP Course Suffix
UCEAP Official Title SUSTAINABLE RESOURCE ENGINEERING
UCEAP Transcript Title RESOURCE ENGINEER
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course examines the principles of waste treatment and resources recovery and introduces practices are related to social innovation and solving social problems. Topics include integrated solid waste management, municipal solid waste characteristics and quantities, processing of municipal solid waste, materials separation, combustion and energy recovery, life cycle analysis and management, processing and treatment of sludge, biosolids processing, resource recovery and beneficial use, and biogas purification and upgrading.

Language(s) of Instruction
English

Host Institution Course Number
CEE3415

Host Institution Course Title
SUSTAINABLE RESOURCE ENGINEERING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil and Environmental Engineering

Course Last Reviewed
2022-2023

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