

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Civil and Environmental Engineering

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