

COURSE DETAIL

ECOSYSTEM ECOLOGY AND LABORATORY

Country

Korea, South

Host Institution

Korea University

Program(s)

Korea University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

ECOSYSTEM ECOLOGY AND LABORATORY

UCEAP Transcript Title

ECOSYSTEM ECOLOGY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the structure and function of the ecosystem and the cycle of energy and matter through a combination of lectures and indoor and outdoor experiments.

Topics include Development of concepts in ecosystem science, Structure of terrestrial ecosystems, Carbon balance, Nutrient and water balance, Additional approaches, Energy, water, and carbon balance, Water use, Canopy system, Soil environment, Biological process in soils, NPP, Decomposition.

Language(s) of Instruction

Korean

Host Institution Course Number

LIET372

Host Institution Course Title

ECOSYSTEM ECOLOGY AND LABORATORY

Host Institution Course Details

<https://sugang.korea.ac.kr/>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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