

COURSE DETAIL

GREEN TRANSPORTATION SYSTEM

Country

China

Host Institution

Tsinghua University

Program(s)

Tsinghua University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

162

UCEAP Course Suffix**UCEAP Official Title**

GREEN TRANSPORTATION SYSTEM

UCEAP Transcript Title

GREEN TRANSPT SYSTM

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course aims to provide an in-depth overview of the fundamental principles of efficient operations, management, and planning of green transportation systems. Through in-class lectures, in-class discussions, homework, and group projects, we plan to analyze what transit systems can and cannot do; how to determine the optimal scale and layout of a transit system; and how to practically implement the design and operate the system.

Language(s) of Instruction

Host Institution Course Number

30030462

Host Institution Course Title

GREEN TRANSPORTATION SYSTEM

Host Institution Course Details

<https://www.tsinghua.edu.cn/en/Admissions/Undergraduate/Curriculum.htm>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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