

COURSE DETAIL

GRAPH THEORY

Country

Japan

Host Institution

Waseda University

Program(s)

Waseda University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

GRAPH THEORY

UCEAP Transcript Title

GRAPH THEORY

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

Graph theory provides a basis for computational sciences, financial engineering, chemistry, and epidemiology, among many others. This course covers graph theory including graphs, paths, cycles, trees, connectivity, Eulerian and Hamiltonian graphs, and planar graphs, as well as some important algorithms.

Language(s) of Instruction

English

Host Institution Course Number

MATX20ZL

Host Institution Course Title

GRAPH THEORY

Host Institution Course Details

<https://www.wsl.waseda.jp/syllabus/JAA104.php?pKey=210MI32400512024210MI3240021...>

Host Institution Campus

Waseda University

Host Institution Faculty

Host Institution Degree

Host Institution Department

SILS

Course Last Reviewed

2024-2025

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