

## 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 Campus

Waseda University

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

SILS

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