

COURSE DETAIL

DATA STRUCTURE AND ALGORITHMS

Country

Japan

Host Institution

Waseda University

Program(s)

Waseda University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics Computer Science

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

DATA STRUCTURE AND ALGORITHMS

UCEAP Transcript Title

ALGORITHMS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a comprehensive introduction to the modern study of computer algorithms. The course uses Python language as a tool to learn various algorithms in depth. Knowledge in mathematics, especially algebra, is expected and having basic knowledge and experience in Python helps to better understand class content.

Language(s) of Instruction

English

Host Institution Course Number

INFB301L

Host Institution Course Title

DATA STRUCTURE AND ALGORITHMS

Host Institution Course Details

<https://www.wsl.waseda.jp/syllabus/JAA104.php?pKey=210MI41600512024210MI4160021...>

Host Institution Campus

Waseda University

Host Institution Faculty

Host Institution Degree

Host Institution Department

SILS

Course Last Reviewed

2024-2025

[Print](#)