

COURSE DETAIL

ALGORITHMS AND DATA STRUCTURES

Country

Japan

Host Institution

International Christian University

Program(s)

International Christian University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

ALGORITHMS AND DATA STRUCTURES

UCEAP Transcript Title

ALGRTHM&DATA STRUCT

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course teaches various algorithms and data structures. As the basis of computer science, it is one of the problems in the Fundamental Information Technology Engineer Examination and is a topic that frequently appears in recruitment (coding interviews) for software engineers.

Students will be able to master computational concepts such as computational complexity and be able to implement algorithms. In addition, students will be able to design algorithms.

Language(s) of Instruction

Japanese

Host Institution Course Number

ISC221J

Host Institution Course Title

ALGORITHMS AND DATA STRUCTURES

Host Institution Course Details

<https://campus.icu.ac.jp/public/ehandbook/PreviewSyllabus.aspx?regno=21219&year...>

Host Institution Campus

International Christian University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information Science

Course Last Reviewed

2023-2024

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