

COURSE DETAIL

FUNDAMENTAL THEORIES OF COMPUTER SCIENCE

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

100

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTAL THEORIES OF COMPUTER SCIENCE

UCEAP Transcript Title

FUNDMTNLS COMP SCI

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course provides an overview of the four research fields of computer science that bridge fundamental theories of computer science with the cutting-edge research in the Computer Science department at Tohoku University. The course consists of four parts, taught by four professors: algorithm theory, bioinformatics, communication network, and computability theory.

The course provides a broad overview of the research areas in computer science.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

BASIC COMPUTER SCIENCE

Host Institution Course Details

https://gkms3.bureau.tohoku.ac.jp/sa_qj/slbssbdr.do?value%28risyunen%29=2023&va...

Host Institution Campus

Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department

JYPE

Course Last Reviewed

2023-2024

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