

## 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\\_gj/slbssbdr.do?value%28risyunen%29=2023&va...](https://gkms3.bureau.tohoku.ac.jp/sa_gj/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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