

COURSE DETAIL

APPLIED DATA SCIENCE

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

50

UCEAP Course Suffix**UCEAP Official Title**

APPLIED DATA SCIENCE

UCEAP Transcript Title

APPLIED DATA SCI

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course teaches basic knowledge of the programming language python, as well as data analysis skill via empirical application.

This course aims to provide:

1. An understanding of the basic knowledge of the programming language python
2. An understanding of the basic machine learning methods, i.e., regression analysis.
3. An understanding of the data analysis process including data pre-processing, analysis, and the interpretation for the results based on real data.

Language(s) of Instruction

Host Institution Course Number

N/A

Host Institution Course Title

APPLIED DATA 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

Economics

Course Last Reviewed

2022-2023

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