

## COURSE DETAIL

### DATA DRIVEN RESEARCH

**Country**

Japan

**Host Institution**

Hitotsubashi University

**Program(s)**

Hitotsubashi University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Sociology Political Science

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

DATA DRIVEN RESEARCH

**UCEAP Transcript Title**

DATA DRIVEN RESRCH

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## Course Description

This course gives an introduction to data-driven research in political science and sociology. The examples will include data from Twitter, Amazon, Wikipedia, Facebook and parliamentary records. Data from many countries including Japan, Ukraine, and Nigeria, as well as international institutions and websites, will be discussed. The analytical techniques include text analysis (sentiment analysis and topic modeling), network analysis, descriptive statistics and visualization, and statistical techniques such as regression analysis.

## Language(s) of Instruction

Japanese

## Host Institution Course Number

SU-A111-A-00

## Host Institution Course Title

DATA DRIVEN RESEARCH

## Host Institution Campus

Hitotsubashi University

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Sociology

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