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

POLITICS AND SOCIETY

Host Institution Course Details

https://syllabus.cels.hit-

u.ac.jp/hit syllabus/2023/07/07 1SA11101 en US.html

Host Institution Campus

Hitotsubashi University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Sociology

Course Last Reviewed

2022-2023

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