

COURSE DETAIL

CODING FOR DIGITAL HUMANITIES

Country

Japan

Host Institution

Waseda University

Program(s)

Waseda University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

CODING FOR DIGITAL HUMANITIES

UCEAP Transcript Title

DIGITAL HUMANITIES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course requires basic programming skills, which includes an understanding of what variables are; the basic structure of loops; Python indexing, and slicing of iterables. It expands on programming skills from a digital humanities perspective. The course focuses on Python pandas for data analysis and data manipulation and uses matplotlib for visualization. The course also instructs on version control using git. The latter half of the course focuses on social media analysis including network analysis, topic modeling, and sentiment analysis.

It is strongly recommended that students have taken the intermediate course “Python Programming for Digital Humanities” or a similar one before taking this course.

Language(s) of Instruction

English

Host Institution Course Number

INFVZ01L

Host Institution Course Title

DATA AND SOCIAL MEDIA ANALYSIS

Host Institution Course Details

<https://www.wsl.waseda.jp/syllabus/JAA104.php?pKey=210CU46800512024210CU4680021...>

Host Institution Campus

Waseda University

Host Institution Faculty

Host Institution Degree

Host Institution Department

SILS

Course Last Reviewed

2024-2025

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