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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