COURSE DETAIL

QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALIZATION

Country
United Kingdom - England

Host Institution
University College London

Program(s)
University College London

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
122

UCEAP Course Suffix

UCEAP Official Title
QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALIZATION

UCEAP Transcript Title
DATA SCI&VISUALIZTN

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The course teaches quantitative skills, with an emphasis on the context and use of data. Students learn to focus on datasets, which will allow them to explore questions in society – in arts, humanities, sports, criminal justice, economics, inequality, or policy. Students are expected to work with Python to carry out data manipulation (cleaning and segmentation), analysis (for example, deriving descriptive statistics) and visualization (graphing, mapping, and other forms of visualization). They engage with literatures around a topic and connect their datasets and analyses to explore and decide wider arguments, and link their results to these contextual considerations.

Language(s) of Instruction

English

Host Institution Course Number

BASC0005

Host Institution Course Title

QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALISATION

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Arts and Sciences

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