

COURSE DETAIL

DATA MANAGEMENT AND DATA ANALYSIS FOR SOCIAL SCIENCE

Country

France

Host Institution

Institut d'Etudes Politiques (Sciences Po)

Program(s)

Sciences Po Paris

UCEAP Course Level

Graduate

UCEAP Subject Area(s)

Statistics Computer Science

UCEAP Course Number

200

UCEAP Course Suffix**UCEAP Official Title**

DATA MANAGEMENT AND DATA ANALYSIS FOR SOCIAL SCIENCE

UCEAP Transcript Title

DATA MGMT&ANALYSIS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces a set of actionable tools and methods for the redaction of a master thesis. It is more specifically focused on new emerging digital practices that significantly ease the implementation of core tasks. A first series of five sessions are devoted to reference research. They cover the use of general and academic search engines, the creation of structured bibliography with Zotero, the reuse of free-licensed content and the writing of state of the art synthesis. Six sessions focus on the management and analysis of databases and corpora, building on the principles of "tidy data" as implemented in the R language and the Tidyverse extensions. A last focus is given to text mining techniques as a way to map a corpus of scholar references.

Language(s) of Instruction

English

Host Institution Course Number

OBME 2140

Host Institution Course Title

DATA MANAGEMENT AND DATA ANALYSIS FOR SOCIAL SCIENCE

Host Institution Course Details

Host Institution Campus

Special Features Course

Host Institution Faculty

Host Institution Degree

Host Institution Department

PSIA

Course Last Reviewed

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