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

Print