COURSE DETAIL

BIG DATA FOR PEACE STUDIES
Country Italy
Host Institution University of Bologna
Program(s) University of Bologna
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Sociology International Studies
UCEAP Course Number 174
UCEAP Course Suffix
UCEAP Official Title BIG DATA FOR PEACE STUDIES
UCEAP Transcript Title BIG DATA PEACE STDS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course is part of the Laurea Magistrale program and is intended for advanced level students. Enrolment is by consent of the instructor. The course focuses on the role of big data in modern life, as well as its uses as a tool for good or evil. The course highlights how big data can help us understand and explain social phenomena in a way that was unthinkable in previous generations. The course applies the R statistical computing environment to large-scale data sets, explores packages designed for use with big data (such as data.table and ff), and explores how parallelization can be used to analyze lots of data quickly. The course includes traditional lectures, a series of seminars, as well as visual material.

Language(s) of Instruction
English

Host Institution Course Number
B0278

Host Institution Course Title
BIG DATA FOR PEACE STUDIES (LM)

Host Institution Course Details
https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2021/484858

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree
LM in INTERNATIONAL RELATIONS; LM in LOCAL AND GLOBAL DEVELOPMENT

Host Institution Department
Political and Social Sciences

Course Last Reviewed
2021-2022

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