

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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