

# 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

### 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

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