



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Laboratory 6 - Turno A

2021-3-E4001N106-TA

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#### Learning objectives

To provide skills concerning the quantitative analysis of social phenomena by using a statistical package.

#### Contents

The course provide a basic expertise of IBM SPSS Statistics.

#### Detailed program

- Introduction to SPSS: software features, data editor, output, syntax editor; dataset construction, variable names, variable labels, value labels, missing values.
- Univariate analysis: frequencies distribution tables, measures of central tendency and dispersion, graphical representations.
- Dataset transformations: variable recode, new variable compute, indexes, typologies.
- Bivariate analysis: cross tabulation tables, mean tables, linear regression.

#### Prerequisites

Basic notions of statistics and data analysis for social sciences. The laboratory is especially aimed to the students that attended the course of Techniques of Quantitative Data Analysis.

## **Teaching methods**

Laboratory sessions. During the Covid-19 emergency period, lessons can be conducted remotely both asynchronously and with synchronous video conferencing events.

## **Assessment methods**

Delivery of exercises during the course and final test, in emergency period Covid-19 remotely via WebEx.

## **Textbooks and Reading Materials**

Corbetta, P., Gasperoni, G. e Pisati M., *Statistica per la ricerca sociale*, il Mulino, Bologna, 2001 (capitoli 1-7), and integrative documentation indicated by the teacher at the beginning of the course.

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