



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Laboratorio 6 - Tecniche di Analisi dei Dati - Turno B

2122-3-E4001N106-TB

---

#### Learning objectives

The workshop focuses on the entire process of social research, in order to provide participants with the necessary skills to independently carry out a research project in all its stages.

#### Contents

Participants are required to actively contribute to development and implementation of a research project. The focus is on the quantitative paradigm, on the experimental method and on the application of the concept of causality to the study of social issues.

#### Detailed program

The workshop focuses on the following activities:

- bibliographic research in the field of social sciences;
- formulation of a research problem, question and hypothesis on consolidated theoretical and/or empirical bases;
- drafting of an experimental research design;

- implementation of the experiment and data collection through a CAWI (computer assisted web interviewing) approach;
- data analysis (with STATA) and interpretation of the results;
- writing of a final research report.

## Prerequisites

Basic notions of statistics and data analysis for social sciences. Participation to the workshop is recommended for (but not limited to) students that attended the courses of Quantitative Research Methods and Techniques of Quantitative Data Analysis.

## Teaching methods

Workshop lessons and exercises.

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

## Assessment methods

Drafting of a final report that will be evaluated at the end of the workshop.

## Textbooks and Reading Materials

Lucchini, M. (2018). *Metodologia della ricerca sociale*, Milano, Pearson Italia. (chapters: 3. La logica del processo di ricerca; 4. Definizione operative e misurazione; 6. Causalità ed esperimento; 8. L'analisi multivariata).

Gerosa, T. (2019). Il disegno sperimentale e la valutazione dell'intervento, in M. Gui (eds.), *Benessere digitale a casa a scuola. Un percorso di educazione ai media nella connessione permanente*, Milano, Mondadori Education, pp. 99–134.

---