



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Quantitative Social Research Methods

2324-103R-QuantSRM

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#### Title

Quantitative Social Research Methods

#### Teacher(s)

Mario Lucchini  
Emanuela Maria Sala  
Giuseppe Vittucci Marzetti

#### Language

English

#### Short description

The course provides an overview of the methods of quantitative data collection and analysis most commonly used in social science research.

The course is divided into three modules.

The first module (16-hours) provides a comprehensive introduction to basic econometrics, touching on the following topics: simple and multiple regression model with cross-sectional data; limited dependent variable models;

instrumental variables and two-stage least squares.

The second module (8-hours) discusses selected topics in survey methodology.

Finally, the third module (8-hours) illustrates the theory and application of multilevel regression for both comparative and longitudinal data analysis.

Upon course completion, students should be able to collect and analyze most quantitative data of interest.

## **CFU / Hours**

32 hours / 14 lectures

## **Teaching period**

February - April

## **Sustainable Development Goals**

QUALITY EDUCATION

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