



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Metodologia della Ricerca Quantitativa (blended)

2223-1-E3901N078

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#### Learning objectives

##### *Knowledge and understanding*

To teach students methods and techniques of social research that are useful in professional activities. To teach students some basic methodological skills through guided training.

##### *Applying knowledge and understanding*

To give students an orientation on the different kinds of empirical research and statistical information in the social field, and to teach them to use these in a critical and conscious manner

##### *Aims*

At the end of the course, students will be able to carry out a simple piece of quantitative research

During the Covid emergency, lectures will be delivered online, using both asynchronous and synchronous teaching methods.

#### Contents

The course is structured in 5 main modules:

1. The basics of social research
2. Research design
3. Data collection

4. Data analysis

5. Results

## **Detailed program**

*1. The basics of social research*

1.1 Positivism and interpretativism

1.2 Qualitative and quantitative research

*2. Research design*

2.1 The choice of the topic, the literature review, research aim and questions

2.2 Research design

2.3 Ethics

2.4 Data collection and analysis

2.5 Dissemination

*3. Data collection*

3.1 From theories to variables

3.2 Sampling

3.3 Sample surveys: data collection and analysis

3.4 Official statistics: ISTAT and DEMO-ISTAT

*4. Data analysis*

4.1 Data matrix

4.2 Monivariate and bivariate analysis

*5. Results*

5.1. Dissemination of research findings

5.2 The research report

## **Prerequisites**

Sufficient educational skills in logic, social culture and reasonable capacities in learning, writing and

communication. Working knowledge of Excel and Word

### **Teaching methods**

Lectures, e-learning, group exercises

### **Assessment methods**

Written examination constituted of a multiple choice test, an exercise using DEMO-ISTAT and open questions

### **Textbooks and Reading Materials**

An English programme is available upon request.

### **Sustainable Development Goals**

QUALITY EDUCATION

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