



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Metodologia della Ricerca Quantitativa (blended)

2324-1-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

#### 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, surfing the ISTAT website, an exercise using DEMO-ISTAT and open-ended questions

## **Textbooks and Reading Materials**

An English programme is available upon request.

## **Sustainable Development Goals**

QUALITY EDUCATION

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