

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **COURSE SYLLABUS**

# Methodologies For Quantitative For Social Research (blended)

2021-1-E3901N078

### 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 asyncronous and syncronous teaching methods.

#### **Contents**

The course is structured in 6 main modules:

- 1.The paradigm of social research and the types of social research
- 3. The cornerstones of quantitative research
- 4. Sample surveys: data collection and analysis
- 5. Official statistics: DEMO-ISTAT

2. The stages of social research

6. Dissemination of research findings

### **Detailed program**

- 1. The paradigm of social research and the types of social research
- 1.1 Positivism and interpretativism
- 1.2 Qualitative and quantitative research
- 2. The stages of social research
- 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. The cornerstones of quantitative research
- 3.1 From theories to variables
- 3.2 Sampling
- 4. Sample surveys: data collection and analysis

- 4.1 Questionnaire design
- 4.2 Data matrix
- 4.3 Monovariate and bivariate analysis
- 5. Official statistics: DEMO-ISTAT
- 5.1 ISTAT and EUROSTAT
- 5.2 DEMO-ISTAT
- 6. Dissemination of research findings
- 6.1 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

During the Covid emergency, exams will be delivered online.

### **Textbooks and Reading Materials**

An English programme is available upon request.