

# SOCIOLOGIA E RICERCA SOCIALE (LM41)

( - Università degli Studi)

## Insegnamento MOD. B - Quantitative Methods in Social Research

GenCod A004321

**Insegnamento** MOD. B - Quantitative  
Methods in Social Research

**Insegnamento in inglese** MOD. B -  
Quantitative Methods in Social Research

**Settore disciplinare** SPS/07

**Corso di studi di riferimento**  
SOCIOLOGIA E RICERCA SOCIALE

**Tipo corso di studi** Laurea Magistrale

**Crediti** 8.0

**Ripartizione oraria** Ore Attività frontale: 60.0

**Per immatricolati nel** 2018/2019

**Erogato nel** 2018/2019

**Anno di corso** 1

**Lingua** INGLESE

**Percorso** PERCORSO COMUNE

**Docente** Enrico CIAVOLINO

**Sede**

**Periodo** Secondo Semestre

**Tipo esame** Orale

**Valutazione**

**Orario dell'insegnamento**

<https://easyroom.unisalento.it/Orario>

### BREVE DESCRIZIONE DEL CORSO

Quantitative applied and theoretical interpretation of sociological phenomena based on quantitative data. Moreover the student will learn the open source statistical software R to conduct in autonomy the quantitative analyses.

### PREREQUISITI

Basic knowledge of statistics and computer science.

### OBIETTIVI FORMATIVI

Aim of the course is to introduce the students into quantitative methods to analyze social data by using the open the open source software R.

### METODI DIDATTICI

Theoretical lessons will be combined with the use of the statistical software R in way to learn how to implement a quantitative analysis.

### MODALITA' D'ESAME

The evaluation will be written with a multiple choice test. The prerequisite will be the development of a small report (max 10 pages) using the main arguments of the course. The student have to apply the quantitative analyses (monovariate, bivariate, PCA) to a dataset that can download from the link available at: [formazioneonline.unisalento.it](http://formazioneonline.unisalento.it)

**The report have to be send to the instructor 5 days before the exam.**

The test will be composed of 10 questions: 1 open question about the results obtained in the report; 4 questions on R Software; 5 question on theoretical part.

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## PROGRAMMA ESTESO

### **1) Teaching objectives**

Aim of the course is to introduce the students into quantitative methods to analyze social data. In details the student will learn the following arguments:

- Monovariate Analysis
- Bivariate Analysis
- Statistical Tests
- Principal Component Analysis

All the argument will be treated from theoretical/interpretation point of view. Moreover all the arguments will be treated also with the open source software R.

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## TESTI DI RIFERIMENTO

All the material is available at: [formazioneonline.unisalento.it](http://formazioneonline.unisalento.it)