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
**Anno di corso** 1
**Lingua** INGLESE
**Docente** Enrico CIAVOLINO
**Sede**

**Crediti** 8.0
**Periodo** Secondo Semestre
**Ore Attività frontale:** 60.0
**Per immatricolati nel 2017/2018**

**Ripartizione oraria**
**Per immatricolati nel 2017/2018**
**Erogato nei 2017/2018**
**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 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
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 course.

**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 material is available at: formazioneonline.unisalento.it

**TESTI DI RIFERIMENTO**
All the material is available at: formazioneonline.unisalento.it