SOCIOLOGY AND SOCIAL RESEARCH (LM41)

(Università degli Studi)

Teaching MOD. B - Quantitative Methods in Social Research

GenCod A004321

Owner professor Enrico CIAVOLINO

Teaching in italian MOD. B - Quantitative Methods in Social Research

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SSD code SPS/07

Reference course SOCIOLOGY AND SOCIAL RESEARCH

Course type Laurea Magistrale

Credits 8.0

Teaching hours Front activity hours: 60.0

For enrolled in 2018/2019

Taught in 2018/2019

Course year 1

Language ENGLISH

Curriculum PERCORSO COMUNE

Location

Semester Second Semester

Exam type Oral

Assessment

Course timetable https://easyroom.unisalento.it/Orario

BRIEF COURSE DESCRIPTION	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.
REQUIREMENTS	Basic knowledge of statistics and computer science.
COURSE AIMS	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.
TEACHING METHODOLOGY	Theoretical lessons will be combined with the use of the statistical software R in way to learn how to implement a quantitative analysis.
ASSESSMENT TYPE	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 report; 4 questions on R Software; 5 question on theoretical part.

FULL SYLLABUS	**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.
REFERENCE TEXT BOOKS	All the material is available at: formazioneonline.unisalento.it