



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2017/2018
MASTER'S DEGREE (MSC)	STATISTICAL SCIENCE
SUBJECT	STATISTICAL CONSULTING - LABORATORY A
TYPE OF EDUCATIONAL ACTIVITY	D
AMBIT	20794-A scelta dello studente
CODE	19027
SCIENTIFIC SECTOR(S)	SECS-S/01
HEAD PROFESSOR(S)	PLAIA ANTONELLA Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	2
INDIVIDUAL STUDY (Hrs)	30
COURSE ACTIVITY (Hrs)	20
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	1° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	PLAIA ANTONELLA Wednesday 15:00 - 17:00 La modalita, in studio o su Teams, va concordata col docente

DOCENTE: Prof.ssa ANTONELLA PLAIA

PREREQUISITES	This lab requires full knowledge of the main statistical tools useful to perform a statistical consulting.
LEARNING OUTCOMES	<p>Knowledge and understanding The student must show that he has understood the subject of the counseling and possesses the necessary statistical knowledge;</p> <p>Applying knowledge and understanding The student should be able to identify the most appropriate statistical tools to carry out the specific counseling activity</p> <p>Making judgments Being able to: evaluate results and implications; critical reading of results obtained with application of different models of analysis.</p> <p>Communication skills Be able to: expose the theme, problems, criticism and possible solutions.</p> <p>Learning skills Be able to: critically evaluate using the acquired skills; update skills with consultation of scientific publications of economic statistics.</p>
ASSESSMENT METHODS	<p>Prepare a report, individual or group (at most 5 students) where the student presents the potential solutions to the applicant's counseling, providing suggestions on the use of the statistical analyses for the management and evaluation of their activities.</p> <p>The student's assessment takes into account: knowledge of concepts and subjects, practical use skills, proper use of statistical language. A rating is given to each of these 3 dimensions: absent, poor, adequate, good, excellent. The minimum positive rating (18) is given in the case of sufficient execution of the theme, whereas the maximum rating (30) is attributed to a full and mature execution.</p>
EDUCATIONAL OBJECTIVES	The student must acquire knowledge and skills that are useful and necessary for the professional activities involved in the measurement and statistical evaluation of the analyzed topic. In particular, the student should be able to use the statistical tools proper to the statistical disciplines, as well as to interpret the obtained results.
TEACHING METHODS	A real analysis theme is proposed. The student develops the theme through a written report. Periodic meetings and specific labs are organized to accompany the student during the progress of the activity.
SUGGESTED BIBLIOGRAPHY	Il materiale bibliografico utile a svolgere la consulenza sara' individuato insieme allo studente.

SYLLABUS

Hrs	Workshops
4	Definition of the object of analysis and preliminary detection of potential solutions to users who exhibit specific statistical intervention needs or acquisition of knowledge about the activity carried out by the user to suggest possible statistical analyzes to support this activity
4	Discussion on the use of specific instrumentation; comparison of different alternatives.
4	Comparison and analysis on the progress of the report 1
4	Comparison and analysis on the progress of the report 2
4	Analysis and evaluation of the report and results and proposed policies.