



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2021/2022
BACHELOR'S DEGREE (BSC)	STATISTICS FOR DATA ANALYSIS
SUBJECT	TECHNICAL-SCIENTIFIC COMMUNICATION WORKSHOP
TYPE OF EDUCATIONAL ACTIVITY	F
AMBIT	10909-Altre conoscenze utili per l'inserimento nel mondo del lavoro
CODE	21917
SCIENTIFIC SECTOR(S)	
HEAD PROFESSOR(S)	BOSCAINO GIOVANNI Ricercatore Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	3
INDIVIDUAL STUDY (Hrs)	47
COURSE ACTIVITY (Hrs)	28
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	3
TERM (SEMESTER)	2° semester
ATTENDANCE	Not mandatory
EVALUATION	Pass/Fail
TEACHER OFFICE HOURS	BOSCAINO GIOVANNI Monday 12:00 14:00 Dipartimento SEAS, edificio 13, Il piano lato ascensore. Per coordinare meglio gli impegni degli studenti e quelli imprevisti del docente, si invitano gli studenti a contattare il docente via email in modo da concordare il giorno e l'orario dell'appuntamento (anche differente da quello qui riportato).

DOCENTE: Prof. GIOVANNI BOSCAINO

PREREQUISITES	Statistics and R
LEARNING OUTCOMES	<p>Students must be able to communicate information, ideas, problems and solutions to both experts and lay audiences. Demonstrate skills for analysis and synthesis. Be able to analyse and search for information from diverse sources. Be able to learn autonomously. Be able to define, solve and present complex problems systemically. Be able to work in a team demonstrating commitment to quality, ethics, equality and social responsibility. Apply methods and techniques of analysis, synthesis and graphical representation by means of software tools. Communicate the results of analyses effectively.</p> <p>The students will know the different ways of communicating and how to do it more effectively. They will know the components of a report, how to structure it and how to elaborate it effectively. They will develop communication skills and their application to the specific environment.</p>
ASSESSMENT METHODS	<p>A written report on a dataset assigned during the course, with an oral presentation.</p> <p>FINAL ASSESSMENT The final assessment of the exam will consider three aspects: i) the mastery of the topics; ii) the ability to apply knowledge, and iii) the property of language, evaluated in the complex of the report and its oral exposition</p> <p>The teacher will be able to consider the exam's contextual factors (such as active participation during the lessons, or the presence of some disabilities).</p>
EDUCATIONAL OBJECTIVES	<p>With billions of data being produced daily and with our ability to collect and store them increasing faster than our ability to analyse them, the new graduates need development proper skills that guide them in the process of analysis and in the process of properly communicating the findings for correct decision making. At the end of the course the student knows the basic aspects of a communication process and the techniques of written and oral communication. The student is able to:</p> <ul style="list-style-type: none"> - understand the best way of communicating the results of a study, depending on the study itself and the end user; - present effectively the results of its statistical analyses in written and oral form, using appropriate forms of communication according to the interlocutors.
TEACHING METHODS	Lab with group work
SUGGESTED BIBLIOGRAPHY	Materiale fornito dal docente durante il corso.

SYLLABUS

Hrs	Frontal teaching
8	. EXECUTIVE SUMMARIES AND REPORTS 1. Search and Organization of Information. 2. The summary, the synthesis and the paraphrase. 3. Structure of a Report. 4. Attitudes and ethics: plagiarism.
8	DESIGN OF EFFECTIVE PRESENTATIONS 1. Preparation. 2. Design. 3. Execution.
Hrs	Practice
6	EXECUTIVE SUMMARIES AND REPORTS 1. Search and Organization of Information. 2. The summary, the synthesis and the paraphrase. 3. Structure of a Report. 4. Attitudes and ethics: plagiarism.
6	DESIGN OF EFFECTIVE PRESENTATIONS 1. Preparation. 2. Design. 3. Execution.