STATISTICAL SCIENCES

2023-24

ENGLISH LANGUAGE

General information	
Year of the course	*2023-24*
Academic calendar (starting and ending date)	*February-June 2024*
Credits (CFU/ETCS):	6
SSD	*L-LIN/12 (English language and translation)*
Language	*English, Italian*
Mode of attendance	*Face to face lectures; online drills*

Professor/ Lecturer	
Name and Surname	Paola Gaudio
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Telephone	
Department and address	*Dipartimento di Economia e finanza, Largo Abbazia S. Scolastica - 70124 Bari*
Virtual room	*ycl7vtl*
Office Hours (and modalities: e.g., by appointment, on line, etc.)	By appointment: F2F, via email, on Teams

Work schedule	https://www.uniba.it/it/corsi/scienze-statistiche/studiare/didattica/orario-delle-lezioni		
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Es. 150	*42*	*18*	*90*
CFU/ETCS			
Es. 6	*4*	*2*	

Learning Objectives	*Analyis of specialized statistics-related texts. Understanding and communicating textual contents in written and oral form.*
Course prerequisites	*The minimum requirement is English B1*

Teaching strategies	*Lectures will allow students to practice their communication skills in English. Besides lectures, the course includes online drills with dr. Palazzo (caterinaclaudia.palazzo@uniba.it).*
Expected learning outcomes in terms of	
Knowledge and understanding on:	o Specialized concepts and terminology concerning statistics, probability, and randomness
Applying knowledge and understanding on:	o The study of the texts in the program will provide the student with logical-analytical tools to apply the acquired knowledge in the workplace or in subsequent levels of specialization. With the preparation of the project work, the student will be able to read, understand and autonomously select a scientific article of statistics,

	summarize it in written and oral form, and express a personal view.
Soft skills	• At the end of the course the student will be able to communicate effectively in English in written and oral form about topics related to statistics, probability and randomness. • The student will have developed the ability to effectively communicate textual contents and express their own opinions. • At the end of the course the student will have acquired the ability to continue studying independently.
Syllabus	
Content knowledge	*The program is divided into three parts.* *- English grammar: from morpheme to text.* *- Statistics: notions of statistics expressed in English (what are statistics, the importance of statistics, inferential and descriptive statistics, variables, measures of central tendency, measures of variability, the normal distribution).* *- Randomness: study of random processes and their relevance in the social and individual spheres.*
Texts and readings	*• Course slides.* *• Mlodinow, Leonard. The Drunkard's Walk. How Randomness Rules Our Lives. Vintage Books. New York 2009 (Prologue, ch. 1, 3, 7, 8, 10).* *• On Statistics, handout available online.* *• https://www.youtube.com/watch?v=F0sLuRsu1Do*
Notes, additional materials	*• http://www.collinsdictionary.com/dictionary/english-italian* *• http://www.wordreference.com* *• Murphy, Raymond. English Grammar in Use. With answers. Cambridge University Press. Cambridge 2016 (non-compulsory text, recommended for self-study)*
Repository	*Guidelines for the preparation of the project work.* *Further compulsory teaching material will be available on Teams (Dr. Palazzo).*

Assessment	
Assessment methods	*Assessment methods include an oral interview. The interview is designed to verify oral skills (listening, speaking) as well as the ability to analyze and understand specialized texts.* *Written skills are assessed by drafting a short paper (so called "project work"), preparatory to the oral exam, on a topic statistical in nature to be agreed individually with prof. Gaudio (for further details, see the guidelines). The project work, already corrected and revised by the linguistic expert Dr. Palazzo, must be sent via email to Prof. Gaudio (Dr. Palazzo in cc) at least five days before the date of the exam. You are required to use your institutional email account (@studenti.uniba.it).*
Assessment criteria	• *Knowledge and understanding of the texts in the programme* • *Applying knowledge and understanding to the preparation of the project work* • *Autonomy of judgment and critical reasoning in interpreting statistics-related texts* • *Understanding and communicating statistics-related knowledge in English* o *speaking, writing, reading, listening* • *Capacities to continue learning*
Final exam and grading criteria	*Pass or fail. Upon request, the assessment can be expressed in grades (minimum pass grade is 18/30). However, grades for this exam will not be computed in the final graduation score.*