

General Information	
Academic subject	Psychometrics
Degree course	Psychological Sciences and Techniques
Curriculum	na
ECTS credits	9
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Alessandro O. Caffò	alessandro.caffo@uniba.it	M-PSI/03

ECTS credits details			
Basic teaching activities	Psychometrics	M-PSI/03	9

Class schedule	
Period	Semester I
Year	II
Type of class	Lecture

Time management	
Hours measured	60 min
In-class study hours	60
Out-of-class study hours	165

Academic calendar	
Class begins	October 2020
Class ends	January 2021

Syllabus	
Prerequisite requirements	Knowledge of the basic concepts of descriptive and inferential statistics, and of research methodology in psychology
Expected learning outcomes (according to Dublin Descriptors)	<p><i>Knowledge and understanding</i> Knowledge and ability to understanding basic concepts of psychometrics and statistics applied to psychological subjects</p> <p><i>Applying knowledge and understanding</i> Knowledge and ability to understanding and applying basic psychometrics concepts and techniques with a professional approach, and adequate competences to both supporting argument and solving problems in psychological subjects</p> <p><i>Making informed judgements and choices</i> Ability to collect, analyse and critically interpret data related to psychological variables; ability to formulate informed judgements, ability to critically think on scientific or ethical topics related to psychological subjects</p> <p><i>Communicating knowledge and understanding</i> Ability to communicate information, results, ideas, problems and solutions to specialized and non-specialized audience</p> <p><i>Capacities to continue learning</i> Learning abilities in order to undertake further studies with a high degree of autonomy, as well as professional activities with a high intellectual content</p>
Contents	Introduction A) Descriptive statistics, measurement scales, methodology of

	<p>research: a review of basic concepts</p> <p>B) Introduction to inferential statistics I</p> <ol style="list-style-type: none"> 1) Group-population comparison 2) Two groups comparison 3) Two conditions in the same group comparison 4) Non-parametric statistics: binomial test and chi-square test <p>C) Introduction to inferential statistics II</p> <ol style="list-style-type: none"> 1) Pearson's Correlation 2) One-way Analysis of Variance 3) Linear Regression <p>D) Psychological data analysis with jamovi software</p>
Course program	
Bibliography	<ol style="list-style-type: none"> 1) Primi, C., & Chiesi, F. (2008). <i>Introduzione alla psicometria</i>: Caterina Primi, Francesca Chiesi. Laterza. 2) Areni, A., Scalisi, T. G., Bosco, A., Caffò, A. O. (2020). <i>Esercitazioni di psicometria</i>. Edra. <p>For Erasmus students:</p> <p>Kline, P. (2000). <i>A psychometrics primer</i>. Free Assn Books, or equivalent.</p>
Notes	The proposed books might be integrated with study materials provided by the teacher
Teaching methods	Classes. The course will be enriched with practical exercises proposed during the classes.
Assessment methods	The examination is written; students will be required to solve psychometric questions
Further information	All the communications to the students will be provided within the teacher's webpage on the website of the Department.

BARI, 01/06/2020

SIGNATURE

ALESSANDRO ORONZO CAFFO'

