

**Degree course: Psychology (Clinical and  
Community Psychology)**

<b>General information</b>	
Academic subject	PSYCHOMETRIC EVALUATION OF ADULTHOOD AND AGING
Degree course	Psychology (Clinical and Community Psychology)
Academic Year	2021-2022
European Credit Transfer and Accumulation System (ECTS)	6
Language	Italian
Academic calendar (starting and ending date)	Semester I from October 2022 to January 2023
Attendance	

<b>Professor/ Lecturer</b>	
Name and Surname	Andrea Bosco
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Virtual headquarters	Codice Microsoft Teams 4bazo57
Tutoring (time and day)	Wednesday, 12.00 a.m. (On-line Teams code: 8743pwy)

<b>Syllabus</b>	
<b>Learning Objectives</b>	The aim of the lecture is to provide theoretical and technical-practical skills useful for assessment, diagnosis and verification of the effectiveness of treatment psychological variables, with particular focus on cognitive domains in adulthood and aging
<b>Course prerequisites</b>	Statistical elements for social research, methodology of psychological research and psychometrics
<b>Contents</b>	1) Elements of epidemiological research, diagnosis as decision making, Bayesian statistics and diagnostic use of tests 2) Adult Assessment (overall cognitive performance and control functions) 3) The psychometric evaluation of the elderly 4) Successful Aging Intervention
<b>Books and bibliography</b>	Ercolani, A.P. (a cura di) Strumenti statistici per la ricerca, la valutazione e la diagnosi in psicologia. R. Cortina, Milano, 2007 De Beni, R; Borella E. (a cura di) Psicologia dell'invecchiamento e della longevità. Il Mulino, 2nd. Edizione. Stracciari A.; Berti A.; Bottini, G. Manuale di valutazione neuropsicologica dell'adulto. Il Mulino (Chapter 3, Chapter 4)
<b>Additional materials</b>	Supplementary materials provided by the teacher

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
150h	30h	10h	110h
ECTS			
6	1.2	0.4	4.4
Teaching strategy		Lectures and practice training, discussions	
Expected learning outcomes			
<b>Knowledge and understanding on:</b>		The course is dedicated to a primer of the epidemiology of psychological disorders, mainly in the cognitive domain, to the diagnostic in a psychometric perspective in the transition between second and third age.	
<b>Applying knowledge and understanding on:</b>		The course is dedicated to the evaluation of the diagnostic reliability of screening tests with examples coming from the psychometric evaluation of adulthood and aging.	
<b>Soft skills</b>		<i>Making informed judgments and choices</i> The Course is devoted to advice students on risks associated with the employment of tests in the diagnostic process.	

	<p><i>Communicating knowledge and understanding</i> The Course is devoted to advice students on the importance to communicate knowledge through scientific papers, technical reports, slide presentations</p> <p><i>Capacities to continue learning</i> The Course is devoted to preparing students to apply for a PHD or for independent practice</p>
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<b>Assessment and feedback</b>	
Methods of assessment	Problem answers, open-ended questions, closed-ended questions, discussion of case study report. The exam includes a written test (90 min) and critical discussion of a project work (5-10 min).
Evaluation criteria	<p><i>Knowledge and understanding</i> The student must know the teaching contents</p> <p><i>Applying knowledge and understanding</i> The student must have acquired the following skills: to be able to apply the Bayes theorem to diagnostics, to know how to use tests in order to assess overall cognitive performance and control functions in adults, to know how to use tests for a multidimensional evaluation of the elderly</p> <p><i>Autonomy of judgment</i> The student must acquire the following competence: to be able to use the tests correctly, in order to collect and interpret the data correctly</p> <p><i>Communicating knowledge and understanding</i> The student must acquire the ability to communicate, with the appropriate vocabulary, the scientific information revealed both to the client, the scientific community of reference, and in an informative form in the case of a heterogeneous audience, through the provision of targeted activities such as case discussions</p> <p><i>Communication skills</i> The student must acquire the ability to communicate, with the appropriate vocabulary, the scientific information revealed both to the client, the scientific community of reference, and in an informative form in the case of a heterogeneous audience, through the provision of targeted activities such as case discussions</p> <p><i>Capacities to continue learning</i> The student must acquire the ability to use the most advanced tools in the field of psychometric evaluation of adulthood and aging with demonstrations of the use of databases of scientific literature such as Scopus</p>
Criteria for assessment and attribution of the final mark	The final grade is awarded in thirtieths. The exam is considered passed when the vote is greater than or equal to 18. The project work includes the critical discussion of a case, reporting short clinical anamnestic notes, brief behavioural observations, psychodiagnostic findings, psychodiagnostic conclusions, hypotheses of intervention
<b>Additional information</b>	