

General Information	
Academic subject	Methodology of Psychological Research
Degree course	Psychological Sciences and Techniques
Curriculum	-
ECTS credits	9
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Tiziana Lanciano	tiziana.lanciano@uniba.it	M-PSI/01

ECTS credits details			
Basic teaching activities	General Psychology	M-PSI/01	9

Class schedule	
Period	1 <sup>st</sup> semester 2020-2021
Year	2nd
Type of class	Lectures Thematic workshops

Time management	
Hours measured	1h= 60 min
In-class study hours	60
Out-of-class study hours	165

Academic calendar	
Class begins	as scheduled
Class ends	as scheduled

Syllabus	
Prerequisite requirements	Receptive and productive linguistic competencies Understanding and reasoning abilities Synthesis and thematic elaboration Basic English language knowledge Basic mathematical computation
Expected learning outcomes	<ul style="list-style-type: none"> <li>• Acquiring knowledge and understanding <ul style="list-style-type: none"> <li>Overview of the epistemological fundamentals of scientific psychology</li> <li>Knowledge of the main methodological approaches to the study of human behaviour and cognitive processes</li> <li>Knowledge of the main techniques and procedures of data collection in psychology</li> </ul> </li> <li>• Applying knowledge and understanding <ul style="list-style-type: none"> <li>Understanding the logical processes underlying research work</li> <li>Translating psychological constructs into empirical variables and reproducing psychological processes through research procedures and models</li> <li>Defining uni- and bivariate research designs</li> </ul> </li> <li>• Making informed judgments and choices</li> </ul>

	<p>Critical approach to the analysis of models and procedures adopted in psychology          Problem finding and non-naïf observational skills for dealing with daily-life psychological phenomena</p> <ul style="list-style-type: none"> <li>• Communicating knowledge and understanding              Abilities to express the contents learned during the course in a personal and competent way</li> <li>• Capacities to continue learning              Reading, analyzing, and communicating texts on general psychology themes, in order to facilitate subsequent studies and enhance the student's autonomy.</li> </ul>
<p>Contents</p>	<p>Students will be given a general epistemological introduction to the course. The main methodological approaches in psychology, validity and control issues, experimental design issues will then be presented. More specifically, the contents of the course will be the following:</p> <ul style="list-style-type: none"> <li>• The psychological science between descriptive and demonstrative approaches</li> <li>• Epistemological paradigms in psychological studies</li> <li>• Setting a research question</li> <li>• Ethical issues in psychological research</li> <li>• Types of variables</li> <li>• Measurement issues</li> <li>• Reliability and validity of psychological measures</li> <li>• Validity issues in research work (internal, external, construct and statistical validity)</li> <li>• Control</li> <li>• Random error and bias</li> <li>• Research methods: Archival research, systematic observation, sociometric approach, scales of attitudes, questionnaires and surveys, ethnographic research, evaluation methods, qualitative methods, quasi-experimental approaches, experiments</li> <li>• Setting research hypotheses</li> <li>• Pre-experimental designs, experimental research with one independent variable, factorial research designs.</li> </ul>
<p>Course program</p>	
<p>Bibliography</p>	<ol style="list-style-type: none"> <li>1. Shaughnessy, J. J., Zechmeister, E. B., Zechmeister, J. S. (2012). <i>Research Methods in Psychology</i> (nine edition). Mc Graw Hill. Trad. It. Lanz, M., Amoretti, G., e Tagliabue, S. (2012) <i>Metodologia della ricerca in psicologia</i>. Mc Graw Hill.</li> <li>2. Schachter, S. e Singer, J. E. (1962). Cognitive, social and physiological determinants of emotional state. <i>Psychological Review</i>, 69, 379-399.</li> <li>3. Curci, A., Soletti, E., Lanciano, T., Doria, V., &amp; Rimé, B. (2015). Balancing emotional processing with ongoing cognitive activity: the effects of task modality on intrusions and rumination. <i>Frontiers in psychology</i>, 6, 1275.</li> </ol>

Notes	
Teaching methods	The course will encompass both lectures and thematic workshops, with ad-hoc contributions of experienced researchers and psychology professionals.
Assessment methods	<p>The assessment will consist of a written paper and will aim to verify the level of the student's mastery with respect to the contents proposed during the course with a specific consideration for:</p> <ul style="list-style-type: none"> <li>• lexical appropriateness;</li> <li>• references to methods and procedures of</li> <li>• investigation in scientific psychology;</li> <li>• ability to understand the methodological characteristics of a research study;</li> <li>• ability to make conceptual inferences;</li> <li>• ability to elaborate contents.</li> </ul>
Further information	Tutorial material (slides, schemes, papers, etc.) will be made available to students during the course.