

Course Title	ADVANCED RESEARCH METHODOLOGY				
Course Code	PSY711				
Course Type	COMPULSORY				
Level	Doctorate (3 rd Cycle)				
Year / Semester	1 st /1 st semester				
Teacher's Name	TBA				
ECTS	10	Lectures / week	3/14 weeks	Laboratories / week	none
Course Purpose and Objectives	<p>This course aims to provide to the PhD candidates the skills and knowledge for carrying out a comprehensive search of scientific resources and also for applying the basic rules of organization and implementation of a scientific research in the field of Psychology. Through this course the PhD Candidates will develop their skills regarding the critical evaluation of academic articles and will comprehend the ethical basis for carrying out a research. Finally, with the completion of the course they will be able to understand the importance of methodology in research on the practical applications in the field of Psychology.</p>				
Learning Outcomes	<p>With the completion of the course, students will be able to:</p> <ul style="list-style-type: none"> Analyse the philosophy behind the research methods and their ethical aspects, in order to resolve research matters in the field of Psychology. Perform a step by step research design-research protocol and data collection- in quantitative and qualitative research Identify and apply the methods of results presentation in quantitative and qualitative research Determine the importance of validity and reliability and their application in the clinical practice Critically evaluate scientific articles in the field of psychology so as to be able to comprehend and detect problems and potential threats on the research reliability and validity Explain the results of systematic reviews and meta-analyses in the field of Psychology Design and define a research project. 				
Prerequisites	None		Co-Requisites	None	
Course Content	<p>This course describes the concepts and methods of scientific research, ethical aspects in research, validity and reliability of research and practice and the scientific methods of resolving such issues in the field of Psychology. Students will be trained in the search of information using advanced techniques and methods of search in several databases of psychological, social, medical and educational sources. The concepts of research</p>				

	<p>hypotheses, protocols and pilot study will be explained and the sampling methods as well as the concepts of reliability and validity will be analysed. Additionally, the various concerns regarding internal and external validity of research will be identified and methods to manage them will be explained. Students will also be taught the various tools and strategies of data collection and handling connecting them to the corresponding variables and instrument types. The course will put special emphasis on the systematic reviews and meta-analytical methods, on the hierarchy applied in order to develop the research rationale for each project and the critical analysis of published pieces of research. Finally, they will be exposed to the various styles of writing and presentation of a scientific research project.</p>								
Teaching Methodology	Face to Face								
Bibliography	<ol style="list-style-type: none"> 1. Breakwell, G.M., Smith, J.A. & Wright, D.W. (2012). Research methods in psychology. Sage: Los Angeles. 2. Banister, P. (2011). Qualitative methods in psychology: A research guide. McGraw-Hill Education :UK. 3. Willig, G. (2015). Introducing qualitative research in psychology. UK: Gutenberg 								
Assessment	<table border="1"> <tr> <td>Assignments</td> <td>60%</td> </tr> <tr> <td>Participation</td> <td>10%</td> </tr> <tr> <td>Presentation</td> <td>30%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Assignments	60%	Participation	10%	Presentation	30%		100%
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Language	English								