

Course Profile – Psychology Department	
Course Number: PSY 311	Course Title: Research Methods I
Required/Elective: Required	Pre/Co-requisites: PSY 101
Catalog Description: Introduction to the positivistic methodology, experimental design and survey techniques. Basic concepts in experimental research; internal-external validity, experimental control techniques, non-experimental design, basic principles of research techniques, measurement, validity, reliability, simple statistical techniques, research ethics.	Textbook/Required material: Shaughnessy , J.J. (2008). Research Methods In Psychology. McGraw Hill Higher Education; 8th edition.
Course Structure/Schedule: (2+0+2) 3 /	6 ECTS
Extended Description: A wide range of research methods are used in psychology. Most methods gather either qualitative data, quantitative data or both. The main research methods are; Laboratory experiment, Field experiment, Quasi experiment, Correlational Observation (naturalistic, participant or controlled), Case study Interview (structured or unstructured), Statistical survey, Prospective study, Retrospective study, Longitudinal study, Cross-sectional study. Meta analysis and Content analysis.	
Design content: none	Computer usage: yes
Course Outcomes: 1. Define the basic concepts and principles of positivistic methodology and experimental research, (1) 2. Describe how internal-external validity are measured, (4) 3. Describe how systematic control is achieved in experimental and non-experimental designs, (4) 4. Define measurement and statistical techniques conducted in empirical research, (1) 5. Describe research ethics. (5) (1) Examine and compare different concepts in the sub-areas of psychology. (written exam). (4) Apply analytical and critical thinking skills to selected topics in the various fields of psychology (take-home exam or paper). (5) Discuss and criticise ethical issues in psychological research, program development-evaluation and professional implementations (paper or report).	
Recommended Reading (Hardcover) McBurney, D.H. & White, T.L. (2009). Research Methods (Examples & Explanations Series). Wadsworth Publishing; 8 edition.	
Teaching Methods : Lecture with slides, class discussions	
Assessment Methods: Written exam, home work, quiz,	
Student workload.	
Preparatory reading.....	40...hr.
Lectures.....	70.. hrs.
Pre-reading	40....hr.
TOTAL.....	150..hrs.....to match 25x6 ECTS