

Research Methods in Psychology

E-315-RATO



Year	2
Semester	Fall
Type of course	Core
Prerequisites	E-114-RATO
Schedule	3 hours per week for 15 weeks; 6 ECTS
Lecturer	Haukur Freyr Gylfason
Content	
This course examines measurement and measurement theory; reliability and validity; data sampling; and hypothesis testing using ANOVA and regression techniques, as well as non-parametric tests (e.g., Chi square, Mann-Whitney). The course also examines the use of SPSS in data management and analysis; ethical issues in research; preparation of research reports in accordance with APA style conventions; and qualitative research methods.	
Learning outcome - On completing the course, each student should be able to:	
<ul style="list-style-type: none"> • Show an understanding of the theories and methods of psychological measurement. • Read, interpret, and assess hypotheses and information. • Understand the worth of different types of statistical tests. • Plan research and support existing knowledge. • Assess the validity and reliability of measurement instruments. • Use t-tests and analysis of variance and related non-parametric statistical tests. • Communicate theoretical issues and findings in an understandable way in standard format (APA). • Use critical thinking in the handling of data and work independently or with others on research projects. • Show initiative in choice of projects and independence in work methods. 	
Course assessment	
In class exams, report and final exam. Grades are given on a 0 – 10 point scale. The minimum grade to pass the course is 5.0. The student needs to get a minimum grade of 5.0 in the final exam and a minimum average grade of 5.0 for all course assessment.	
Reading material	
Field A. (2009). <i>Discovering statistics using SPSS</i> . London: Sage. Anastasi, A. og Urbina, S. (2009). <i>Psychological testing</i> . New Jersey: Pearson – Prentice Hall. (selected chapters)	
Teaching and learning activities	
Lectures, in class exercises and discussions.	
Language of	Icelandic

