UAN		Adam Mickiewicz University in Poznań Doctoral School of Languages and Literatures	
		nrof Karolina Krawczak-Clupp	
Sciences/	Humanitie	prof. Karolina Krawczak-Glynn es / Linguistics + Literary Studies	
discipline			
Type of classes	workshop		
Language of instruction	English		
The number of hours + form of passing classes	15 hours / credit of a grade		
Puproses of classes	<ul> <li>increase the students' understanding of quantitative methods in the humanities</li> <li>enable the students to formulate testable research questions and hypotheses</li> <li>enable the students to employ various statistical methods in R to explore data, address research questions, and test hypotheses in the humanities</li> </ul>		
Learning contents	<ul> <li>Introduction and study design for quantitative research (2hrs): The benefits of using quantitative methods in research Operationalization of research questions &amp; formulation of testable hypotheses Basic concepts in statistics (types of data, types of variables, types of errors)</li> <li>Taking first steps in R (2hrs): installing packages loading data inspecting your data in R handling your data bivariate tests for statistical significance</li> <li>Multivariate analyses: Exploration of categorical data in medical humanities (5hrs) Visualizing and identifying patterns within your sample Interpreting and reporting the results</li> </ul>		

	<ul> <li>Multivariate analyses: Confirmatory s data in medical humanities (6hrs) Identifying statistically significant pattern Interpreting and reporting the results</li> </ul>	tatistics for categorical is beyond the sample
Entry requirements		
	Learning outcomes	
		Verification methods:
In terms of knowle knows and unders		
the achievements education takes pla development of this and innovative de framework of resea	Evaluation will be based on home assignments and the successful completion of a small project.	
at an advanced le discipline of scienc for proper selection effective application research [E_W02];		
fundamental dilemr science, especially [E_W08]		
In terms of skills able to:		
use knowledge fro identify, formulate problems or perfo he/she is able to scientific research research methods creatively and eff scientific evidence		
In terms of so		
completed classe		
continuous impro personal developm latest developmer [E_K05]		
Literature		·

Baayen, Harald. 2008. Analyzing linguistic data: A Practical
Introduction to Statistics. Cambridge: Cambridge University Press.
Glynn, D. & J. Robinson (Eds.). 2014. Corpus methods for semantics:
Quantitative studies in polysemy and synonymy. Amsterdam: John
Benjamins.
Gries, Stefan. 2009. Statistics for linguistics with R. Berlin: De Gruyter
Mouton.
Levshina, Natalia. 2015. How to do linguistics with R. Data exploration
and statistical analysis. Amsterdam: John Benjamins.