

QUANTITATIVE RESEARCH TECHNIQUES IN GERMAN TEACHING

1	Course Title:	QUANTITATIVE RESEARCH TECHNIQUES IN GERMAN TEACHING
2	Course Code:	ALM5116
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. YUNUS ALYAZ
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Doç. Dr. Yunus Alyaz Uludağ Üniversitesi Eğitim Fakültesi Yabancı Diller Eğitimi Bölümü Alman Dili Eğitimi Anabilim Dalı Görükle Kampüsü 16059 Bursa / Türkiye Telefon: 0224 294 22 76 E-Posta: alyaz@uludag.edu.tr
17	Website:	
18	Objective of the Course:	The aim of this course is to enable the students to learn quantitative research methods in detail (determining subject / problem, research questions / hypotheses, developing and using information form, questionnaire scale, data collection tools, analyzing and reporting data in computer environment).
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To be able to grasp the nature of the data.
	2	To be able to explain the process of preparing a quantitative research proposal and to prepare a proposal.
	3	To understand the relevance of quantitative data in the social sciences.
	4	To apply quantitative research method in the field of foreign language learning and teaching process.
	5	To be able to develop/use quantitative data collection tools.
	6	To be able to use contemporary technologies to collect and analyze the quantitative data.
	7	To be able to comprehend the differences between quantitative data analysis other data analysis methods.
	8	To be able to apply scientific writing techniques in the field of foreign language teaching.
	9	
	10	

21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Introduction of data types and data collection techniques (quantitative, qualitative, mixed, ordered, etc.).	
2	Preparation for quantitative research in the field of foreign language teaching: area / subject selection, research questions and hypothesis determination.	
3	Introducing the quantitative data collection tools: Information form, questionnaire and scale types (standard scale, revised / translated scale etc.)	
4	Work on ensuring the validity and reliability of data collection tools.	
5	Collecting data and preparation it for an analysis in computer environment.	
6	Analyzing the collected quantitative data in computer environment with M.S Excel software (Formula, macro etc.)	
7	Analyzing the collected quantitative data with SPSS software in computer environment (number, frequency, comparison, etc.)	
8	Obtaining findings by interpreting the data analyzed by M. S. Excel software.	
9	Obtaining findings by interpreting the data analyzed by SPSS software.	
10	Obtaining the results from the findings gained by analyzing the data in computational environment.	
11	Discussion of the results (answering the research questions, testing the hypotheses, comparing them with literature etc.) and reporting (written reports, conference papers, articles etc.)	
12	Discussion of the results (answering the research questions, testing the hypotheses, comparing them with literature etc.) and reporting (written reports, conference papers, articles etc.)	
13	Developing recommendations based on the results obtained.	
14	Evaluation of the semester.	
22	Textbooks, References and/or Other Materials:	References Can, A. (2017). SPSS İle Bilimsel Araştırma Sürecinde Nicel Veri Analizi. 5. Baskı. Ankara: Pegem Akademi. Kaplan, D. (ed.) (2004). The SAGE Handbook of Quantitative Methodology for the Social Sciences. Thousand Oaks, London, New Delhi: Sage Publications. Lawshe, C. H. (1975).A quantitative approach to content validity. Personnel Psychology, 28, 563–575 Little, T. D. (Ed.) (2013) The Oxford Handbook of Quantitative Methods - Volume 2: Statistical Analysis. New York: Oxford University Press. Teo, T. (Ed.) (2013). Handbook of Quantitative Methods for Educational Research. Rotterdam: Sense Publishers.
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
WEIGHT		
Midterm Exam	1	25.00

Quiz	0	0.00
Home work-project	3	25.00
Final Exam	1	50.00
Total	5	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	5	12.00	60.00
Homeworks	3	10.00	30.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	0	0.00	0.00
Final Exams	1	2.00	2.00
Total Work Load			122.00
Total work load/ 30 hr			4.07
ECTS Credit of the Course			4.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
-----------	----------------------------------------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	3	3	3	5	4	2	3	1	1	5	2	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
----------------------------	-------------------	--------------	-----------------	---------------	--------------------