DEPARTMENT OF SOCIOLOGY
COURSE SYLLABUS

Course Details					
Code		**Academic Year**			**Semester**
SOZ 217		2			Fall
Title		**T**	**A**	**L**	**ECTS**
Statistics		2	2		5
Language	German				
Level	**Undergraduate**	**X**	**Graduate**		**Postgraduate**
Department / Program	Sociology				
Forms of Teaching and Learning	Face to Face				
Course Type	**Compulsory**	**X**	**Elective**		
Objectives	The aim of this lecture is to familiarize sociology students with the basic concepts of statistics				
Content	Basic statistical concepts, descriptive statistics, inferential statistics, multivariate methods are learned.				
Prerequisites	-				
Coordinator	Assoc. Prof. Dr. Valentin Rauer				
Lecturer(s)	Assoc. Prof. Dr. Valentin Rauer Dr. Lena Verneuer-Emre				
Assistant(s)	Res. Asst. Muhammed Ekinci				
Work Placement	None				
Course Methods and Techniques	Lecture, discussion, individual work				

Recommended or Required Reading	
Books / Lecture Notes	Rainer Diaz-Bone (2019). Statistik für Soziologen. München: UVK Verlag.
Other Sources	Neil Salkind, Bruce B. Frey (2019). Statistics for People Who (Think They) Hate Statistics. Thousand Oaks: SAGE. Julie Pallant (2020). SPSS Survival Manual: A step by step guide to data analysis using IBM SPSS. London: Routledge.

Additional Course Material	
Documents	-
Assignments	-
Exams	-

Course Composition		
Mathematics und Basic Sciences	50	%
Engineering		%

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Engineering Design		%
Social Sciences	50	%
Educational Sciences		%
Natural Sciences		%
Health Sciences		%
Expert Knowledge		%

Assessment

Activity	Count	Percentage (%)
Midterm Exam	1	30
Quiz		
Assignments		
Attendance		
Recitations	13	30
Projects		
Final Exam	1	40
	15 **Total**	**100**

ECTS Points and Workload

Activity	Count	Duration	Workload (Hours)
Lectures	14	2	28
Self-Study	13	6	78
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	2	2
Recitations	14	2	28
Laboratory			
Projects			
Final Exam	1	4	4
		Total Workload	**140**
		ECTS Points (Total Workload / Hours)	**5**

Learning Outcomes

01	Students can reflect on the fundamentals of statistical concepts.
02	Students can discuss the applications of statistics in social sciences.
03	Students can compare the uses of statistics in quantitative research.
04	Students can use statistical methods in their research.

Weekly Content

1	Introduction

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2	Basic Concepts
3	Frequency Tables
4	Mean Value
5	Measures of Dispersion
6	Z- Standardization
7	Table Analysis
8	Midterm
9	Correlation and Regression
10	Correlation and Regression
12	Third Variable Control
12	Random Sampling and Estimation
13	Tests
14	Multiple Linear Regression
15	Multiple Correspondence Analysis
16	Final

Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
1		3	4	4								
2		3	4						4			
3		3	4						4			
4		3	4					4	4			

Contribution Level	1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High
https://obs.tau.edu.tr/oibs/bologna/progLearnoutcomes.aspx?lang=tr&curSunit=6048	
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