

DEPARTMENT OF SOCIOLOGY
COURSE SYLLABUS

Course Details					
Code	SOZ 214			Academic Year	Semester
Title	Statistics			T	A
				L	ECTS
				2	2
				2	4
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	-				
Lecturer(s)	-				
Assistant(s)	-				
Work Placement	None				
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				%	
Engineering Design				%	
Social Sciences	50			%	

DEPARTMENT OF SOCIOLOGY
COURSE SYLLABUS

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	13	2	26
Self-Study	14	4	56
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	4	4
Recitations	13	2	26
Laboratory			
Projects			
Final Exam	1	4	4
		Total Workload	116
		ECTS Points (Total Workload / Hours)	4

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
2	Basic Concepts
3	Frequency Tables

DEPARTMENT OF SOCIOLOGY
COURSE SYLLABUS

4	Mean Value
5	Measures of Dispersion
6	Z- Standardization
7	Table Analysis
8	Midterm
9	Correlation and Regression
10	Third Variable Control
11	Random Sampling and Estimation
12	Tests
13	Multiple Linear Regression
14	Multiple Correspondence Analysis
15	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>

Compiled by: Res. Asst. Muhammed Ekinci

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