

Course Name: Research Methods II		Course Level: Undergraduate			Language: English
Course Code	Prerequisites	Corequisites	(T + P hours)	ECTS Credit	Type
PSYC2202	PSYC2201	-	3+0	6	Compulsory

Course objectives: This is the second part of the Research Methods in Psychology course.

Course description: Teaching of advanced psychological research concepts and methods, introduction to advanced research techniques, application of advanced research techniques on SPSS program and the interpretation of results. Application of basic regression, multiple regression, chi-square, mediational and moderational analyses. Design and application of simple research projects by students and the presentation of findings as academic posters.

Evaluation system (in percentages):

Midterm	Project	Final	Total
%30	%30	%40	100

Reference

Breakwell, G. M., Hammond, S. E., Fife-Schaw, C. E., & Smith, J. A. (2006). *Research methods in psychology*. Sage Publications, Inc.

Weekly Course Topics

Week	Topic
1.	PSYC 2201 Repeat
2.	PSYC 2201 Repeat
3.	PSYC 2201 Repeat- Simple and Multiple Regression
4.	ANOVA & ANCOVA & Factor Analysis
5.	Project Presentation and Meeting with Supervisors
6.	Factorial Analysis
7.	Meeting with supervisors
8.	Midterm
9.	Moderation Analysis & Mediation Analysis
10.	LAB-General Review
11.	Meeting with supervisors
12.	Meeting with supervisors- Data collection should be completed
13.	Meeting with supervisors

14.	Poster presentation
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Contribution of the Course to the Program Outcomes

Course Outcomes

Students will gain the following knowledge and skills at the end of the course:

1. Apply multiple regression and different ANOVA tests (mixed design, ANCOVA, MANOVA).
2. Choose a research question, develop a hypothesis.
3. Apply mediation and moderation analyses.
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4. Interpret qualitative analysis and structural equation model results.

	Program Outcomes	CO1	CO2	CO3	CO4	CO5
1.	To examine and compare different concepts in subfields of psychology and to have basic application skills.					
2.	To apply analytical and critical thinking skills in various fields of psychology, to be able to solve the problems related to the field with contemporary methods.					

3.	The student has the skills to interpret facts, events and data, to define and analyze problems, to develop solutions based on research and evidence by using the knowledge and skills they have acquired in the field.					
4.	Discussing and criticizing professional and ethical issues in program design and professional practice.					
5.	To explain the procedures and rules in psychological measurement and interview techniques, and to develop the ability to apply them at a basic level.					
6.	Adopting the rules of the positivist method and designing scientific research, collecting data, analyzing data and scientifically reporting the results.	X	X	X	X	X
7.	To gain the basic principles of scientific thinking, to be able to separate and / or integrate the knowledge gained by other disciplines with a critical point of view.					
8.	To develop the competence for using the necessary information and communication technologies used to reach and spread information.	X		X	X	
9.	To use oral and written communication skills effectively both in Turkish and at least one foreign language.					

10.	Working effectively in individual and multidisciplinary research teams.					
11.	To develop respect for interpersonal and cultural diversity and to have social responsibility.					
12.	To be aware of psychological resilience, personal and professional development.					

Course Evaluation and ECTS Workload			
Types of Work	Number		
	ECTS Workload		
		Time	
Attendance	14	3	42
Final exam	1	24	24
Quizzes	0	0	0
Semester project	0	0	0
Assignments	0	0	0
Final project	0	0	0
Seminar	0	0	0
Duties	0	0	0
Presentation	1	10	10
Midterm	1	20	20
Project	0	0	0
Lab	0	0	0
Private lesson time	0	0	0
Other (Personal study)	14	3	42
		Total workload	138
		Total workload/25	5.52
		ECTS Credit	6

Teaching Methods and Techniques: Lecture, Application, Project

Prepared By:

Date: