

COURSE INFORMATION FORM	
Faculty / Institute	Faculty of Science and Literature
Department	Psychology
Course Code	PSİ 108
Course title	Research Methods for Psychology
Instructional Language	English
Programs that can take the course	Psychology
Course Type	Must
Course Level	Undergraduate
ECTS Credit	6
Prerequisites	-
Course Content	This course covers topics of hypothesis development and variable types, cause-effect relationship and sampling, reliability and validity concepts, qualitative and quantitative data collection methods, experimental and quasi-experimental methods, methods of analyzing collected data and reporting the analyzed data.
The Aim of the Course	This course aims to gain the ability (1) to measure the concepts of psychology and to develop measurement tools, (2) to apply measurement and evaluation tools within the framework of ethical principles, (3) to produce original knowledge in the field of social and behavioral sciences by using existing scientific resources
Course Outcomes	At the end of the semester, students are expected to master scientific research methods used in science of psychology.
Textbook and / or References	Christensen, L. B., Johnson, R. B., & Turner, L. A. (2015). <i>Research methods, design, and analysis</i> (12th ed.). Pearson.

Evaluation Criteria	Percentage
Attendance	-
Lab	-
Application	-
Field Study	-
Homework	40% (Reflection Reports)
Presentations	-
Projects	-
Seminar	-
Midterm Exams	25%

Quiz	-
Final	35%
Total	100%

Course Plan	Subjects to Be Discussed
1. Week	Course introduction + Understanding Scientific Research
2. Week	Research Approaches and Data Collection Methods + From Research Ideas to Hypothesis Formulation & Ethics in Scientific Research
3. Week	Measurement Techniques and Sampling Methods
4. Week	Ensuring Research Validity + Exercise I
5. Week	Control Techniques in Experimental Research
6. Week	Creating the Appropriate Research Design + Procedure for Conducting an Experiment
7. Week	Creating a Quasi-Experimental Design + Exercise II
8. Week	The Survey as Non-Experimental Research
9. Week	Qualitative and Mixed Methods Research
10. Week	Preparing and Publishing the Research Report + Exercise III
11. Week	Preparing and Publishing the Research Report
12. Week	Exercise IV