YAŞAR UNIVERSITY
COURSE SYLLABUS

Graduate School/Faculty/School	**FACULTY OF SCIENCE AND LETTERS**					
Department/Program	**SCIENCE CULTURE DEPARTMENT**					
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Yaşar Credit**	**ECTS**
			Theory	**Practice**		
RESEARCH CULTURE	UFND 2020	FALL/SPRING	**2**	**0**	2	2

Course Type	
1. Compulsory Courses	
2. Program Elective Courses	
3. Faculty / Vocation School Elective Courses	
4. Distance Learning Courses	
5. Modern Languages Courses	
6. Compulsory YÖK Courses	
7. University Elective Courses	X
8.Prerequisite Courses	
9.Course Adaptation	

Language of Instruction	English
Level of Course	Associate Degree (Short Cycle) X Undergraduate (First Cycle) Graduate (Second Cycle) Doctoral Course (Third Cycle)
Special Pre-Conditions of the Course (recommended)	

Course Coordinator	PROF. DR. YASİN ÖZARSLAN
Course Instructor(s)	PROF. DR. YASİN ÖZARSLAN
Course Assistant(s)/Tutor (s)	
Aim(s) of the Course	The aim of this course is to equip students with the foundational knowledge, skills, and attitudes necessary to conduct research in line with scientific principles. The course fosters researcher identity by emphasizing ethical practices, hypothesis testing, critical evaluation of data, and accurate communication of findings, aligned with the academic values of Yaşar University.
Learning Outcomes of the Course	By the end of this course, students will be able to: 1. **Identify** research questions and formulate hypotheses. 2. **Explain** types of research and data collection methods. 3. **Compare** qualitative and quantitative research methods. 4. **Apply** APA formatting rules and basic principles of statistical data analysis. 5. **Design** and deliver an effective research presentation.
Course Content	This course introduces students to the essential components of research methodology, including identifying research questions and hypotheses, understanding different research types, comparing qualitative and quantitative approaches, data collection methods, and APA citation style. Students also explore how to critically interpret results and present their

	findings effectively. As part of the university's institutional identity, the course encourages students to internalize the shared values of a responsible and ethical researcher.

COURSE OUTLINE/SCHEDULE (Weekly)			
Week	**Topics**	**Preliminary Preparation**	**Methodology and Implementation (theory,practice, assignment etc)**
1	Science and scientific research; research types	Reading the recommended resources and monitoring the suggested videos	Theory
2	Science and scientific research; research types	Reading the recommended resources and monitoring the suggested videos	Theory
3	Research process and ethics	Reading the recommended resources and monitoring the suggested videos	Theory
4	Research process and ethics	Reading the recommended resources and monitoring the suggested videos	Theory
5	Sampling	Reading the recommended resources and monitoring the suggested videos	Theory
6	Sampling	Reading the recommended resources and monitoring the suggested videos	Theory
7	Sampling	Reading the recommended resources and monitoring the suggested videos	Theory
8	Midterm Exam		
9	Quantitative research	Reading the recommended resources and monitoring the suggested videos	Theory
10	Quantitative research	Reading the recommended resources and monitoring the suggested videos	Theory
11	Quantitative research	Reading the recommended resources and monitoring the suggested videos	Theory
12	Quantitative research	Reading the recommended resources and monitoring the suggested videos	Theory
13	Measurement and data analysis	Reading the recommended resources and monitoring the suggested videos	Theory
14	Measurement and data analysis	Reading the recommended resources and monitoring the suggested videos	Theory
15	Scientific research writing and presentation	Reading the recommended resources and monitoring the suggested videos	Theory
16	Final Exam		

Required Course Material (s) /Reading(s)/Text Book (s)	Özge CAN Serra İnci ÇELEBİ – Temel Dersler Programı – Araştırma Kültürü
Recommended Course Material (s)/Reading(s)/Other	Bozkurt, A. (2020). *Akademik araştırma ve yazma kültürü*. Ankara: Pegem Akademi. Çepni, S. (2018). *Bilimsel araştırma yöntemleri*. Trabzon: Celepler Yayınları. Kuhn, T. S. (2012). *The structure of scientific revolutions* (4th ed.). Chicago, IL: University of Chicago Press.

	Yıldırım, A., & Şimşek, H. (2018). Sosyal bilimlerde araştırma yöntemleri. *Eğitim ve Bilim Dergisi*, 43(193), 45-58. https://doi.org/10.15390/EB.2018.7051 American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.).

ASSESSMENT		
Semester Activities/ Studies	**NUMBER**	**WEIGHT in %**
Mid- Term	1	40
Attendance		
Quiz / Participation		
Assignment (s)		
Project		
Laboratory		
Field Studies (Technical Visits)		
Presentation/ Seminar		
Practice (Laboratory, Virtual Court, Studio Studies etc.)		
Other (Placement/Internship etc.)		
Final Exam	1	60
TOTAL		**100**
Contribution of Semester Activities/Studies to the Final Grade		40
Contribution of Final Examination/Final Project/ Dissertation to the Final Grade		60
TOTAL		**100**

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME OUTCOMES						
No	Programme Outcomes	**Level of Contribution (1- lowest/ 5- highest)**				
		1	2	3	4	5
1	To identify changes in the surrounding world and compare, question and interpret data during the formation and advocacy of thought and decisions.				X	
2	To demonstrate skills in learning, critical thinking and reasoning about human behavior and experiences.					X
3	To show ability of gathering information from many sources to present a conclusive argument.					X
4	To demonstrate competence in reading and evaluating original scientific papers				X	
5	To recognize the significance of lifelong learning and use the learning skills and competences that developed in this program in other areas of life				X	
6	To demonstrate informational competence and the ability to use computers and other information technologies for many purposes				X	
7	To conduct a study/project independently or take charge in teamwork and to take responsibility to formulate solutions for unpredictable, complex problems in the study/project				X	
8	To conduct efficient communication in oral and written forms within multi-cultural business environments					X
9	To formulate distinctive strategies through project management and innovative problem-solving skills				X	
10	To be sensitive to social and individual problems with high consciousness of social responsibility					X

ECTS /STUDENT WORKLOAD				
ACTIVITIES	**NUMBER**	**UNIT**	**HOUR**	**TOTAL (WORKLOAD)**

Course Teaching Hour (14 weeks* total course hours)	14	Week	2	28
Preliminary Preparation and finalizing of course notes, further self- study		Week		
Assignment (s)		Number		
Presentation/ Seminars		Number		
Quiz and Preparation for the Quiz		Number		
Mid- Term(s)	1	Number	10	10
Project (s)		Number		
Field Studies (Technical Visits, Investigate Visit etc.)		Number		
Practice (Laboratory, Virtual Court, Studio Studies etc.)		Number		
Final Examination/ Final Project/ Dissertation and Preparation	1	Number	12	12
Other (Placement/Internship etc.)		Number		
Total Workload				50
Total Workload/ 25				2
ECTS				**2**

ETHICAL RULES WITH REGARD TO THE COURSE (IF AVAILABLE)	
STUDENT WITH DISABILITIES OR SPECIAL NEEDS	
Students with disabilities or special needs are encouraged to contact the instructor and the Unit for Student with Disabilities (http://eob.yasar.edu.tr/) for academic adaptations.	
ASSESSMENT and EVALUATION METHODS:	
Final Grades will be determined according to the Yaşar University Associate Degree, Bachelor Degree and Graduate Degree Education and Examination Regulation.	
PREPARED BY	
UPDATED	29/05/2025
APPROVED	