

**School of Health Sciences / Nursing**  
**2023 - 2024 Academic Year**  
**SCIENTIFIC RESEARCH PROJECTS**  
**Syllabus**

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
SCIENTIFIC RESEARCH PROJECTS	HEM4114381	Fall Semester	2+0	2	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assoc.Prof. Pinar IRMAK VURAL				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Pinar IRMAK VURAL				
<b>Assistant(s)</b>					
<b>Aim</b>					
<b>Course Content</b>	This course contains; Definition of scientific research subject, Definition of scientific research and scientific methods, Creating a hypothesis and research question, Literature review and research proposal, Creating a methodology, Methodology description, Data collection, Processing and categorizing data, Steps towards project development, Tübitak Projects and other national projects, Data sources, Observation, Field notes, Ethics committee application studies, getting to know the forms.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Can access literature for scientific research			16, 9	A, E	
Scientific research can provide the ability to collect and interpret data			16, 9	A	
Evaluating the research project can provide reporting features			16, 9	A	
Can initiate the study in accordance with ethical rules during the research process			9	A	
<b>Teaching Methods</b>	16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Definition of scientific research subject				
2	Definition of scientific research and scientific methods				
3	Creating a hypothesis and research question				
4	Literature review and research proposal				
5	Creating a methodology				
6	Methodology description				
7	Data collection				
8	Processing and categorizing data				
9	Steps towards project development				
10	Tübitak Projects and other national projects				
11	Data sources				
12	Observation				
13	Field notes				
14	Ethics committee application studies, getting to know the forms				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

Resources	
Aydın, U. S. T. A. (2012). SORUNSALDAN SONUÇLARA BİLİMSEL ARAŞTIRMA SÜRECİ: BİR ARAŞTIRMA RAPORU MODELİ ÖRNEĞİ. Ordu Üniversitesi Sosyal Bilimler Enstitüsü Sosyal Bilimler Araştırmaları Dergisi, 3(5), 135-161.	
İlhan, A., Çelik, H. C., & Aslan, A. (2016). Üniversite öğrencilerinin bilimsel araştırmaya yönelik tutumlarının incelenmesi. İnönü Üniversitesi Eğitim Fakültesi Dergisi, 17(2).	
Bakar, C., & Akgün, H. S. (2006). BİLİMSEL ARAŞTIRMA SONUÇLARINI YAYINA HAZIRLAMA TEKNİKLERİ. Tıp Eğitimi Dünyası, 23(23), 51-57.	