

Course title	Code	semester	T+U	credit	ECTS
research methods		8	2 + 0	2	2
Prerequisite Courses	None				
Language of the Course	English				
Course Level	Undergraduate				
Type of Course	Optional				
Course Coordinator					
Instructors					
Course Assistants					
The aim of lesson	To make people comprehend the nature of science and scientific research, to gain investigative thinking and behaviors.				
Course Content	Basic concepts and information about science, the structure of scientific research, scientific methods and different views on these methods, problem, research model, universe and sample, data collection and data collection methods (quantitative and qualitative data collection techniques), data recording, analysis, interpretation and reporting.				
Course Learning Outcomes	<p>Students who successfully complete this course;</p> <ol style="list-style-type: none"> 1. Will be able to have information about the scientific research process. 2. Will be able to write a research proposal related to their field. 3. Will be able to be aware of data collection and analysis methods. 4. Will be able to have information about how to express their findings 5. Will be able to have information about interpretation of findings and making suggestions. 				
Weeks	Topics				
one	Basic Concept Principles and Approaches				
2	Source of Information; Science, Scientific Method				
3	Research and Research Education				
4	Research Process and Techniques/ Report Preparation Techniques				
5	Ways of Citing and Citing References				
6	Purpose and Sub-Aims; Significance, Counts				
7	Purpose and Sub-Aims; Limitations and Definitions				
8	Data and Data Collection Techniques				
9	Data and Data Collection Techniques				
10	Processing and Analysis of Data				
11th	Findings and Interpretation				
12	Findings and Interpretation				
13	Preparing a Sample Report				
14	Evaluation of Reports				
15	Evaluation of Reports				
General Competencies					
To make people comprehend the nature of science and scientific research, to gain investigative thinking and behaviors.					
resources					
N. Karasar, "Reporting in Research". Ankara: Nobel Publication Distribution. Academic Writing Rules Booklet. http://sbe.baskent.edu.tr/akademik.pdf					
Evaluation System					
The dates, days and hours of the Midterm Exam, Quiz, Final Exam and Evaluations will be announced later, according to the decision of the Faculty Administrative Board.					

WITH PROGRAM LEARNING OUTCOMES COURSE LEARNING OUTCOMES RELATIONSHIP TABLE											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
LO1	3	3	3	3	5	3	3	3	5	3	3
INCR EASE 2	3	3	3	3	5	3	3	3	5	3	3
INCR EASE 3	3	3	3	3	5	3	3	3	5	3	3
INCR EASE 4	3	3	3	3	5	3	3	3	5	3	3
LO5	3	3	3	3	5	3	3	3	5	3	3
LO: Learning Outcomes OP: Program Outcomes											
Contri bution Level	1 Very Low		2 Low		3 Medium		4 High		5 Very High		

Relation of Program Outcomes and Related Course

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
research methods	3	3	3	3	5	3	3	3	5	3	3

