

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
SCIENTIFIC PROJECT and ANALYSIS TECHNIQUES	MKBD1121970	Fall Semester	2+0	2	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Third Cycle (Doctorate Degree)				
Course Type	Elective				
Course Coordinator	Prof.Dr. Lütfü HANOĞLU				
Name of Lecturer(s)	Prof.Dr. Lütfü HANOĞLU				
Assistant(s)					
Aim	Explanation of the definition and main components of the project. Also, it is aimed to examine the following project sections in detail. - Project hypothesis, - Aims and objectives, - Originality - Method section, - Project team, - Work-time schedule, - Risk analysis and preparation of alternative B plans				
Course Content	This course contains; Basic concepts used in scientific research,Scientific research process,Types of scientific research,Examples of current scientific research specific to the field of science.,Scientific Projects,Determining the Project Topic,Determining the Research Methods to be Used in the Project,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation,Group Work-Research Project Preparation.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Knows the national and international institutions and organisations that should be applied to create economic resources for scientific research.			10, 18, 5, 9	F	
Describes the scientific concept.			10, 9	F	
Distinguishes between scientific and non-scientific sources of information.			10, 9	F	
Describes what scientific publication is and its types with examples.			10, 9	F	
Summarizes the ways to access scientific knowledge			10, 9	F	
Describes the stages of scientific research.			10, 9	F	
Uses the most effective methods in literature scanning.			10, 9	F	
Evaluates ethical rules and violations in research.			10, 9	F	
Teaching Methods	10: Discussion Method, 18: Micro Teaching Technique, 5: Cooperative Learning, 9: Lecture Method				
Assessment Methods	F: Project Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Basic concepts used in scientific research	Prepare for the relevant topic from recommended sources			
2	Scientific research process	Prepare for the relevant topic from recommended sources			
3	Types of scientific research	Prepare for the relevant topic from recommended sources			
4	Examples of current scientific research specific to the field of science.	Prepare for the relevant topic from recommended sources			
5	Scientific Projects	Prepare for the relevant topic from recommended sources			
6	Determining the Project Topic	Prepare for the relevant topic from recommended sources			
7	Determining the Research Methods to be Used in the Project	Prepare for the relevant topic from recommended sources			
8	Group Work-Research Project Preparation	Group Work			
9	Group Work-Research Project Preparation	Group Work			
10	Group Work-Research Project Preparation	Group Work			
11	Group Work-Research Project Preparation	Group Work			
12	Group Work-Research Project Preparation	Group Work			
13	Group Work-Research Project Preparation	Group Work			
14	Group Work-Research Project Preparation	Group Work			
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
Course presentations.Electronic database of scientific articles (PubMed-Medline, Web of Science, Scopus, Google Scholar, Cochrane E-Library)