



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		THE537		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	56 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		LEARNING SCIENTIFIC RESEARCH TECHNIQUES							
Course Content		APPLY THE SCIENTIFIC RESEARCH TECHNIQUES							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Project Based Study					
Name of Lecturer(s)		Prof. Alpaslan GÖKÇİMEN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	INTRODUCTION TO SCIENTIFIC RESEARCH
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Week	Weekly Detailed Course Contents	
1	Theoretical	STAGES IN THE RESEARCH PROCESS
2	Theoretical	SCREENING
3	Theoretical	HYPOTHESIS
4	Theoretical	METHOD DETERMINATION
5	Theoretical	MAKING DATA COLLECTION PLAN
6	Theoretical	DECISION MAKING THE SAMPLE TO BE SELECTED
7	Theoretical	CHECKING DATA COLLECTING VEHICLE
8	Intermediate Exam	MID-TERM EXAM
9	Theoretical	RESEARCH PLAN WRITING
10	Theoretical	APPLICATION OF DATA COLLECTION PLAN
11	Theoretical	RESEARCH WRITING
12	Theoretical	RESEARCH WRITING
13	Theoretical	PUBLISHING
14	Theoretical	GENERAL OVERVIEW
15	Theoretical	GENERAL OVERVIEW
16	Final Exam	FINAL EXAM

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	MAKING A SCIENTIFIC RESEARCH PLAN
2	SCANNİNG ARTICLE
3	HYPOTHESIS
4	EXPERIMENTİNG
5	PUBLISHİNG



**Programme Outcomes** (*Histology and Embryology (Medical) Master*)

1	To have detailed information about cell structure and function at microscopic level
2	To have theoretical and practical knowledge about experimental methods used in histology
3	To know the ethical rules for publishing and presenting a scientific study
4	To have sufficient knowledge about the laboratory methods used in fertilization and assisted reproduction
5	to have enough knowledge about the general characteristics of human embryology

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	4	3	5	4
P2	4	3	4	4	3
P3	3	4	3	4	4
P4	4	5	4	3	3
P5	5	4	3	4	3

