AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research Methods								
Course Code	THE537		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	56 *(Hours)*	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

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 OVERVİEW
15	Theoretical	GENERAL OVERVİEW
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 ARTİCLE
3	HYPOTHESIS
4	EXPERIMENTİNG
5	PUBLISHING

Programme Outcomes *(Histology and Embryology (Medical) Master's Without Thesis)*	
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	3	3	4	4	4
P2	3	3	3	4	4
P3	3	3	4	3	4
P4	3	3	4	4	3
P5	4	3	4	3	4