



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
HISTOLOGY AND EMBRYOLOGY
HISTOLOGY AND EMBRYOLOGY (MEDICAL)
HISTOLOGY AND EMBRYOLOGY (MEDICAL) MASTER'S WITHOUT THESIS
COURSE INFORMATION FORM

Course Title	Research Techniques and Scientific Article Writing I								
Course Code	THE530	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	6	Workload	150 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To provide information about scientific research and article writing techniques in health sciences.								
Course Content	Explains the ways to be followed in the conduct of a scientific research and the points to be considered in the transfer of the work to the article.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	SAĞLIK BİLİMLERİNDE ARAŞTIRMA YÖNTEMLERİ

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of the scientific research
2	Theoretical	historical development of scientific research
3	Theoretical	Research methods strategy and ethical approach
4	Theoretical	Classification of scientific researches
5	Theoretical	Descriptive research (person, place, time)
6	Theoretical	Descriptive research (case and case series)
7	Intermediate Exam	midterm exam
8	Theoretical	Case-control studies
9	Theoretical	Experimental researches
10	Theoretical	Methodological researches
11	Theoretical	pubmed examination and screening
12	Theoretical	How to conduct a literature review (group work)
13	Theoretical	Understanding the research systematic
14	Theoretical	Preparation of poster paper, Preparation of oral papers
15	Theoretical	Writing a Scientific Paper
16	Final Exam	final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Assignment	10	0	4	40
Reading	10	0	4	40
			Total Workload (Hours)	150
			[Total Workload (Hours) / 25*] = ECTS	6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	Learning the ethical features of research
2	To understand how to do literature review
3	To understand the research systematic



4	Ability to prepare oral and poster presentations
5	To understand writing scientific papers

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	4	3	4	4	3
P2	3	4	3	3	4
P3	4	4	4	4	3
P4	4	3	3	3	4
P5	3	4	3	4	3

