



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		TFZ625		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	54 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to learn the methods of scientific research, to make scientific studies and to learn the stages of writing a report.							
Course Content		Scientific research methods, classification of sample groups in experimental studies, scientific working steps, report writing							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Scientific research methods
---	-----------------------------

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research methods
2	Theoretical	Scientific research methods
3	Theoretical	Scientific research methods
4	Theoretical	Scientific research methods
5	Theoretical	Scientific research methods
6	Intermediate Exam	Scientific research methods
7	Theoretical	Scientific research methods
8	Theoretical	Scientific research methods
9	Theoretical	Scientific research methods
10	Theoretical	Article discussion
11	Theoretical	Article discussion
12	Theoretical	Article discussion
13	Theoretical	Article discussion
14	Theoretical	Article discussion
15	Theoretical	Article discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42



Assignment	4	1	1	8
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
Total Workload (Hours)				54
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Physiology (Medical) Doctorate)

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	To learn the laws and regulations both national and international in the field of physiology.
4	To gain ability to apply the principles and fundamentals of scientific ethical rules.
5	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.

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	5	4	4	5
P2	4	5	4	5	4
P3	4	5	4	4	5
P4	4	5	5	5	4
P5	5	4	5	4	5

