



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
MEDICAL BIOLOGY
MEDICAL BIOLOGY
MEDICAL BIOLOGY MASTER
COURSE INFORMATION FORM

Course Title	Scientific Research and Publication Ethics								
Course Code	TIB538	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	47 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course									
Course Content									
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Assoc. Prof. Abdullah YALÇIN								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Ethics in Science: Ethical Misconduct in Scientific Research – John D'Angelo - CRC Press; 1 edition (March 27, 2012)
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Week	Weekly Detailed Course Contents	
1	Theoretical	What is scientific ethics?
2	Theoretical	Types of Scientific misconduct I
3	Theoretical	Types of Scientific misconduct II
4	Theoretical	Outcome of scientific misconduct
5	Theoretical	Duties and responsibilities of Peer reviewers
6	Theoretical	The effect of scientific misconduct on public
7	Theoretical	Prevention of Scientific misconduct
8	Theoretical	Midterm exam
9	Theoretical	Case study I
10	Theoretical	Case study II
11	Theoretical	Case study III
12	Theoretical	Case study IV
13	Theoretical	Case study V
14	Theoretical	Homework presentation and discussions
15	Theoretical	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1	2	39
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				47
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	
4	



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Programme Outcomes (*Medical Biology Master*)

1	To acquire fundamental knowledge on medical biology field
2	To gain expertise on molecular biology techniques
3	To utilize molecular biology techniques
4	To be able to construct and conduct a research project
5	To be able to follow and interpret scientific advancements

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	2	2	2	2
P2	5	2	2	1	1
P3	5	2	2	1	1
P4	2	3	3	4	2
P5	3	3	3	2	3

