



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Model Organisms							
Course Code		TIB637		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	99 (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)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. The Cell: A molecular Approach , Geoffrey M. Copper
2	2. Molecular Cell Biology, Lodish, WH Freeman and Company

Week	Weekly Detailed Course Contents	
1	Theoretical	General overview of model organisms
2	Theoretical	Various model organisms for diseases I
3	Theoretical	Various model organisms for diseases II
4	Theoretical	Various model organisms for diseases III
5	Theoretical	Various animal models that are uses in pharma. industry I
6	Theoretical	Various animal models that are uses in pharma. industry II
7	Theoretical	Various animal models that are uses in pharma. industry III
8	Intermediate Exam	Midterm Exam
9	Theoretical	Presentation
10	Theoretical	Presentation
11	Theoretical	Presentation
12	Theoretical	Presentation
13	Theoretical	Sunum
14	Theoretical	Presentation
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	5	2	91
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				99
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	



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Programme Outcomes (*Medical Biology Doctorate*)

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	3	3	2	2
P2	2	3	4	4	4
P3	2	3	3	3	3
P4	3	3	3	3	3
P5	3	3	4	3	3

