

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title Model Organisms Course Code TIB637 Couse Level Third Cycle (Doctorate ECTS Credit 4 Workload 99 (Hours) Theory 2 Practice 0 Objectives of the Course Vorkload 99 (Hours) Theory 2 Practice 0 Objectives of the Course Vork Placement N/A Explanation (Presentation) Vork Planned Learning Activities and Teaching Methods Explanation (Presentation) Presentation) Name of Lecturer(s) Quantity Percentage (%) Method 1 40 Final Examination 1 60 Recommende or Required Reading Mage (Mage Method	e Degree) Laboratory 0
ECTS Credit4Workload99 (Hours)Theory2Practice0Objectives of the Course Course Content	
Objectives of the Course Image: State of the Course Content Course Content N/A Work Placement N/A Planned Learning Activities and Teaching Methods and Teaching Methods Explanation (Presentation) Name of Lecturer(s) Image: State of the Course of the	Laboratory 0
Course ContentN/AWork PlacementN/APlanned Learning Activities and Teaching MethodsExplaration (Presentation)Name of Lecturer(s)Explaration (Presentation)Assessment Methods and CriteriaMethodQuantityMethod1Midterm Examination1Final Examination160Recommended or Required Reading	
Work Placement N/A Planned Learning Activities and Teaching Methods Explanation (Presentation) Name of Lecturer(s) Assessment Methods and Criteria Assessment Methods and Criteria Quantity Percentage (%) Midterm Examination 1 40 Final Examination 1 60 Recommended or Required Reading	
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Midterm Examination 1 40 Final Examination 1 60 Recommended or Required Reading	
Final Examination 1 60 Recommended or Required Reading	
Recommended or Required Reading	
1 1. The Cell: A molecularApproach , Geoffrey M. Copper	
2 2. Molecular Cell Biology, Lodish, WH FreemanandCompany	
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	



5

Progr	amme Outcomes (Medical Biology Doctorate)	
1	To acquire fundamental knowledge on medical biology fiel	d
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

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	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	

