



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Molecular Medicine							
Course Code		TIB634		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	124 (<i>Hours</i>)	Theory	3	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. NCBI Pubmed ve güncel bilimsel yayınlar
2	2. Molecular Medicine, Fourth Edition: Genomics to Personalized Healthcare, Elsevier Publishing (2012)

Week	Weekly Detailed Course Contents	
1	Theoretical	System Diseases I
2	Theoretical	System Diseases II
3	Theoretical	The molecular biology of system diseases I
4	Theoretical	The molecular biology of system diseases II
5	Theoretical	Basic genetic diseases I
6	Theoretical	Basic genetic diseases II
7	Theoretical	Epidemiology and an evolutionary look to genome
8	Intermediate Exam	Midterm Exam
9	Theoretical	Metabolic Diseases
10	Theoretical	Cardiovascular Diseases
11	Theoretical	İon-Channel Diseases
12	Theoretical	Cancers
13	Theoretical	Neurological Diseases
14	Theoretical	The molecular Biology of inflammation diseases
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	5	3	104
Midterm Examination	1	8	2	10
Final Examination	1	8	2	10
Total Workload (Hours)				124
[Total Workload (Hours) / 25*] = ECTS				5
*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	5	5	5	4	2
P2	2	2	2	4	3
P3	2	2	2	3	2
P4	3	3	5	5	4
P5	3	3	3	2	4

