



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Up-To-Date Topics in Medical and Molecular Biochemistry								
Course Code	BYK522	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Tibbi ve Moleküler Biyokimya da güncel konular hakkında bilgi edinme								
Course Content	Discussion and evaluation of the current topics in biochemistry and molecular biology related research subjects of the Msc. Students with their supervisor in the light of recent studies in literature (team work)								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Project Based Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	literature

Week	Weekly Detailed Course Contents	
1	Theoretical	Literature review and presentation
2	Theoretical	Literature review and presentation
3	Theoretical	Literature review and presentation
4	Theoretical	Literature review and presentation
5	Theoretical	Literature review and presentation
6	Theoretical	Literature review and presentation
7	Theoretical	Literature review and presentation
8	Intermediate Exam	Quiz
9	Theoretical	Literature review and presentation
10	Theoretical	Literature review and presentation
11	Theoretical	Literature review and presentation
12	Theoretical	iterature review and presentation
13	Theoretical	Literature review and presentation
14	Theoretical	Literature review and presentation
15	Theoretical	Literature review and presentation
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Assignment	1	3	16	19
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = ECTS	3

\*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	Obtaining information about the fields of investigation of Medical and Molecular Biochemistry
2	Literature review on current topics in Medical and Molecular Biochemistry
3	Making presentations about current topics in Medical and Molecular Biochemistry
4	Discussion on current issues in Medical and Molecular Biochemistry



5	Learning current issues in Medical and Molecular Biochemistry
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**Programme Outcomes (Biochemistry (Medical) Master)**

1	To have basic theoretical knowledge about biochemistry and to help understanding biochemistry
2	To have the basic laboratory knowledge, apparatus and methods used in biochemistry
3	Analysis: To be able to analyze information critically
4	Synthesis: To be able to synthesize and adapt the knowledge in the field from different directions
5	Evaluation: To critically evaluate research in the field

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

