

# ENZYMOLGY

1	Course Title:	ENZYMOLGY	
2	Course Code:	MBG4107	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. SEZAI TÜRKEK	
15	Course Lecturers:	Prof.Dr. Sezai Türkel	
16	Contact information of the Course Coordinator:	sturkel@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To teach structural features of an Enzymes. To teach enzyme kinetics and reaction mechanisms of an enzymes. To teach application of an enzymes in different industrial fields.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knows enzyme structure and functions
		2	Knows key features of enzyme reactions
		3	Knows enzyme classifications
		4	Knows application fields of an enzymes
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Introduction to course and course materials, historical perspective on the development of enzymology from past to present, discussion the key inventions in the field of enzymology		
2	Biochemical features of an enzymes as proteins		
3	specificity of enzyme action, reaction conditions of selected enzymes		



<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
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