

POPULATION GENETICS

1	Course Title:	POPULATION GENETICS	
2	Course Code:	BIO6204	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	3	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç.Dr. SERAP ÇELİKLER KASIMOĞULLARI	
15	Course Lecturers:	Doç.Dr. Serap ÇELİKLER	
16	Contact information of the Course Coordinator:	0 224 29 41783 / e-posta: rbilal@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	In this course the aim is to teach the mechanism to affect the genetic changes in population.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To comprehend the relation between species and population genetics and evolution
		2	Gaining to analyse and understand the genetic problems at the population level
		3	To have the skills to construct the scientific study with statistical analysis
		4	To be able to interpret the data from results and field studies and link these with the current literature
		5	To contribute to the science of biology by publishing an national/international platforms
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21	Course Content:		
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Week	Theoretical	Practice	
1	Introduction to population genetics		
2	Genetic structure of population		
3	Fitness cooperatives		
4	Selection systems in one gene system		

ÖK5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							