

## BASIC PRINCIPLES OF GENETIC ANALYSIS

1	Course Title:	BASIC PRINCIPLES OF GENETIC ANALYSIS	
2	Course Code:	BIO5202	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	7.00	
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. NİLÜFER ÇİNKILIÇ	
15	Course Lecturers:	Doç.Dr. Nilüfer ÇİNKILIÇ	
16	Contact information of the Course Coordinator:	rbilal@uludag.edu.tr 0 224 29 41783 Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü Nilüfer BURSA	
17	Website:		
18	Objective of the Course:	The aims of the course is to teach general principles of genetic analysis. It has been studied the mutation induction, screening of mutant, mutation analysis.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	How and made mutant induction and its relation to biological process.
		2	Mutant screening and mutant definition.
		3	comprehension of knowledge on mutants and writing of results and their publication
		4	to gain high level of knowledge about genetic analysis and to gain ability producing new projects
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Introduction and the meaning of genetic analysis		
2	Model organisms		



<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>
----------------------------	-------------------	--------------	-----------------	---------------	--------------------