	BASIC PRINCIPLES OF GENETIC ANALYSIS								
1	Course Title:	BASIC F	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							
	Courses Constants	10							
21	Course Content:								
Mool:	Theoretical	UC	Durse Content:						
VVeek	Theoretical Introduction and the meaning of gen	otic	Practice						
	analysis								
2	Model organisms								

3	Mutant i mutants																
4		assification of mutants (complementation															
5	,	assification of mutants and mapping of					T										
6	mutant s	utant screening and characterization															
7	Lİteratur	e disc	ussion	1													
8	Analysis	of fine	e struc	ture c	of gene	s											
9	-	alysis of fine structure of genes															
10		bigenetics															
11	literature		ssion														
12	Episatsi			r nath	wavs												
13	Molecula					ssion		-									
14	supress		-	rgene		.55101	1										
14	Supress	ormut	allons														
22	Textboo Material		ferenc	es an	d/or O	ther											
23	Assesm	ent															
TERM L	EARNING	G ACTI	VITIES	;			NUMBE R	w	EIGHT								
Midtern	n Exam						`	0.	00								
Quiz						()	0.	00			- i					
Activites							Number				Duration (hour)			Total Work Load (hour)			
Theoretical 2						11	10p400 3.00			42.00							
Practicals/Labs						1-1	0 0.00				0.00						
							11							56.00			
Contrib	Solf study and proporation Contribution of Final Exam to Success Grade Homeworks						7	1							92.00		
Project								71				_	0.00			0.00	
								4	0				0.00			0.00	
	eld Studies								0 0.00				0.00				
24	TECTS / WORK LOAD TABLE								-			_	0.00			0.00	
Others																80.00	
	Exams								1			80.00	80.00				
	Work Load										270.00						
	work load/ 30 hr												9.00				
ECIS	Credit of	tne Co	urse												7.00		
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	5	0	0	0	0	0	0 (C	0	0	0	0	0	0	0	0	
ÖK2	0	5	0	0	0	0	0 (C	0	0	0	0	0	0	0	0	
UKZ						•	1 1		1	1				L	_	—	
ÖK2	0	0	0	5	0	0	0 (0	0	0	0	0	0	0	0	0	
	0	0	0 0	5 0	0 0	0 0		с С	0	0 0	0 0	0 0	0 0	0 0	0 0	0	

Contrib ution	1 very low	2 low	3 Medium	4 High	5 Very High
Level:					