		GEN	ETICS II							
1	Course Title:	GENETI	CS II							
2	Course Code:	BYL3002	2							
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	cle							
5	Year of Study:	3								
6	Semester:	6								
7	ECTS Credits Allocated:	3.00								
8	Theoretical (hour/week):	2.00								
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.	Tolga Çavaş							
15	Course Lecturers:	Prof. Dr. Tolga ÇAVAŞ Prof. Dr. Nilüfer ÇİNKILIÇ Prof. Dr. Serap ÇELİKLER KASIMOĞULLARI								
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Görükle Kampüsü, Nilüfer/BURSA 16059 e-posta: tcavas@uludag.edu.tr Telefon: 0 224 294 1869 Uludag University Faculty of Arts and Science Department of Biology Gorukle Campus, Nilufer/BURSA 16059 e-mail: tcavas@uludag.edu.tr Phone: 0 224 294 1869								
17	Website:									
18	Objective of the Course:	The aims of this course are to teach the molecular concept of inheritance, procaryotic and viral genetics, cytoplasmic inheritance, specific topics in population and quantitative genetics, to make student understand the developmental genetics and carcinogenesis								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Comprehending the molecular alteration in genetics							
		2	Recognize the organization of genetic material in organisms							
		3	To analyze the genetic consequences at the population level							
		4	The ability to gain synthesis between access to current information and knowledge they have learned of genetics							
		5								
		6								
		7								
		8								
		9								
		10								

21	Course Content:																
								С	our	se Co	ntent						
Week	The	oreti	cal						Р	ractice							
1	DNA	orga	anisatio	ons in	chro	moson	nes										
2						romos		anding	1)								
3			of cen			d telom	ner and	d									
4	Seq	uence	es of e	ucary	otic [	DNA											
5	Gen	e Mu	tation	and c	lassif	ication	of mu	tations	S								
6	Mole	eculai	r mech	anisr	ns of	mutati	ons										
7	Midt	erm E	Exam,	repea	ating I	ecture											
8		A repa	air med	chanis	smsB	acteria	l and v	/iral									
9	Ana	lysis	of the f	fine s	tructu	re of g	enes										
10	cyto	plasn	nic inh	eritan	ice												
11	gene	etics o	of can	cer ar	nd cel	l cycle	regula	ation									
12	Gen	etic b	asis o	f deve	elopm	nent											
13	quai	ntitati	ve gen	etics					T								
14	рорі	population genetics															
Activit									Ţ.,	Numb	er			ition (		Total V Load (I	
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Others										3			2.00			6.00	
Final E Contrib			erm (Y	ear) I	earn	ina Ac	tivities	to	4	100			20.00			20.00	
Total W	Vork I	Load														102.00	
	Total เฟอร์ไอโคฮิคี Fลีกิลโคัxam to Success Grade						6	0.00						3.07			
ECTS (	Credi	t of th	ne Cou	ırse												3.00	
Measu	Measurement and Evaluation Techniques Used in the Course								е								
24	EC	TS/	WOR	K L	OAD	TAB	LE										
25			C	ON.	TRIE	BUTIC	N OI			NING (		COME	S TO I	PROG	SRAM	ME	
														I		I	
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME  QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0

ÖK4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
Contrib ution Level:	1	very		1	ning C	bjec	1	s P Medi			m Qu 4 Higl	alifica n	tions		y High	