

GENETICS II

1	Course Title:	GENETICS II
2	Course Code:	BYL3002
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
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:	This course establishes the base for future studies of students by providing information about genetics which is one of the basic concepts of biology.
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
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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
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			