

GENETICS AND SOCIETY

1	Course Title:	GENETICS AND SOCIETY
2	Course Code:	BYL0514
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	5.00
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. Tolga Çavaş
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Doç. Dr. Tolga Çavaş tcavas@uludag.edu.tr 0 224 29 418697 Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Görükle Kampüsü, 16059 Bursa
17	Website:	
18	Objective of the Course:	The aim of the course is to bring the students an expanded outlook and knowledge on the principles of Genetics as a popular science and its influences on the society.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To gain information about the basics of genetics
	2	To learn about the techniques used in genetic research
	3	To be open for scientific innovations about genetics
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Introduction to genetics	
2	DNA and gene structure	
3	Protein synthesis	
4	Mutations	

5	Behavioural genetics	
6	Crime and genetics	
7	Human genom Project	
8	Carcinogenesis	
9	Genetically modified organisms	
10	Gene cloning	
11	Genetic disorders	
12	Genetic knowledge in society	
13	Genetic tests and paternity	
14	Human genom rights	

22	Textbooks, References and/or Other Materials:	<p>Cummings, M., Yashon, R. "Human genetics and society" Brooks and Cole, 2008.</p> <p>Pilnick, I. "Genetics and Society, Open University Pres" (2002)</p>
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT		
Midterm Exam	1	40.00		
Quiz	0	0.00		
Home work-project	0	0.00		
Activites	Number	Duration (hour)	Total Work Load (hour)	
Contribution of Term (Year) Learning Activities to Theoretical Success Grade	40.00	3.00	42.00	
Practicals/Labs	0	0.00	0.00	
Contribution of Final Exam to Success Grade	0.00	1.00	14.00	
Self study and preparation	14	140.00		
Homeworks	1	16.00	16.00	
Measurement and Evaluation Techniques Used in the Projects Course	0	0.00	0.00	
Field Studies	0	0.00	0.00	
Midterm exams	1	20.00	20.00	
Others	14	2.00	28.00	
Final Exams	1	30.00	30.00	
Total Work Load			150.00	
Total work load/ 30 hr			5.00	
ECTS Credit of the Course			5.00	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																

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