

BIOLOGICAL AND CULTURAL EVOLUTION

1	Course Title:	BIOLOGICAL AND CULTURAL EVOLUTION	
2	Course Code:	BYL0515	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
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. NİLÜFER ÇİNKILIÇ	
15	Course Lecturers:	Doç. Dr. Özgür Vatan	
16	Contact information of the Course Coordinator:	aydemirn@uludag.edu.tr 0.224.2941797 Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Görükle Kampüsü, 16059 Bursa	
17	Website:		
18	Objective of the Course:	The aim of the lecture is to teach the basis of cultural evolution of human beings.	
19	Contribution of the Course to Professional Development:	This course, which has the status of general elective courses taken from different departments, will contribute to the student in terms of general culture and life recognition.	
20	Learning Outcomes:		
		1	To understand the cultural evolution of human
		2	To have the fundamental knowledge in other related science like biology
		3	To be open for scientific innovations and to be able to apply them in their interests
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction to Wallace-Darwin theory		
2	Why are we interested with evolution		
3	Do populations always evolve?		
4	Pedigree, phylogeny		

5	Homologue and analogue organs, what and when did happen	
6	What is culture, determination of cultural evolution	
7	Social life cultural selection in animals	
8	Paternal conservation	
9	House life, family	
10	Symbolic thoughts, language and culture	
11	Evolution of art	
12	Evolution of intelligence	
13	Occurrence of modern society	
14	Technological evolution	

22	Textbooks, References and/or Other Materials:	Lecture notes.
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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
Final Exam	1	60.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Contribution of Final Exam to Success Grade	60	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preparation	14	2.00	28.00
Measurement and Evaluation Techniques Used in the	14	1.00	14.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	25.00	25.00
Others	14	1.00	14.00
Final Exams	1	30.00	30.00
Total Work Load			174.00
Total work load/ 30 hr			4.97
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
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	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	5	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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