

PHILOSOPHY OF BIOLOGY

1	Course Title:	PHILOSOPHY OF BIOLOGY
2	Course Code:	FLS3041
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	non
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Öğr. Üyesi VEHBİ METİN DEMİR
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Vehbi Metin Demir vmetindemir@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To discuss philosophical problems in the light of the data of biological sciences. To learn the philosophical foundations of biology, to have knowledge about the functioning of life and nature
19	Contribution of the Course to Professional Development:	To learn the current developments in different areas
20	Learning Outcomes:	
	1	To learn what is life, what are the biological features
	2	To learn the specific philosophical problems of biological science
	3	To re-discuss questions such as human nature, freedom and morality in the light of the data of biology.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	What distinguishes biology from other sciences?	
2	What is life?	
3	What is the basic unit of life: Genes, individuals or species?	
4	The ontological reality of species	

5	The Origin and the Development of Species	
6	Reproduction of Life: Genetics	
7	Molecular Biology	
8	The history of Life	
9	The problem of methodology and reduction in biology	
10	Evolutionary biology	
11	From biology to society: Sociobiology	
12	Life and Technology: Biotechnics	
13	Biopolitics: Life and politics	
14	General Assesment	

22	Textbooks, References and/or Other Materials:	Brian Garvey, <i>Philosophy of Biology</i> , Routledge, 2014
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	30.00
Quiz	0	0.00
Home work-project	1	10.00
Final Exam	1	60.00
Total	3	100.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Contribution of Final Exam to Success Grade	0.00		
Theoretical	14	2.00	28.00
Total	100.00		
Practicals/Labs	0	0.00	0.00
Measurement and Evaluation Techniques Used in the Course	14	2.00	28.00
Self study and preparation			
Homeworks	1	20.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	30.00	30.00
Total Work Load			116.00
Total work load/ 30 hr			3.87
ECTS Credit of the Course			4.00

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	0	0	3	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	2	0	0	0	0	3	0	0	0	0	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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