

GENERAL BIOLOGY

1	Course Title:	GENERAL BIOLOGY
2	Course Code:	SIN1013
3	Type of Course:	Compulsory
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	6.00
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. MUHLIS ÖZKAN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	muozkan@uludag.edu.tr, 224 2942281, Uludağ Üniversitesi Eğitim Fakültesi, A Blok, İlköğretim Bölümü, 16059 Nilüfer, Bursa
17	Website:	
18	Objective of the Course:	To explain events relating to the vitality and vibrant.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To know common characteristics of living organisms.
	2	To comprehend the relationships among subdisciplines and other disciplines of biology.
	3	To know chemical substances and controller molecules composing living organisms structures.
	4	To explain cell structure and their tasks.
	5	To explain cell divisions.
	6	To know plant and animal tissue.
	7	To explain reproduction, fertilization, development.
	8	To explain heritage mechanism.
	9	To know human body structure.
	10	To explain structure of sense organs and their mechanism.
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Process of historical development of the science of Biology Branches of biology	
2	Common characteristics of living things Chemical structure and functions of the molecules that make up living things	
3	The structure of cell Differences in animal and plant cells	

4	Cell metabolism Carbohydrate, fat, protein metabolism	
5	Cell division Mitosis and meiosis	
6	Reproduction and development Reproduction and development	
7	Plant tissues Animal tissues	
8	Heredity Mendelian genetics	
9	Heredity Human genetics	
10	Heredity Molecular genetic	
11	Sense organs Seeing, Hearing	
12	Sense organs Smelling	
13	Ecology Distribution of life on Earth	
14	Evolution Evidence of evolution and evolutionary mechanisms	

22	Textbooks, References and/or Other Materials:	Bozkurt, O. ve arkadaşları. Genel Biyoloji. Pegem Akademi, Ankara. 275 s., 2008.
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	12.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	14	3.00	42.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	32.00	32.00
Others	0	0.00	0.00
Final Exams	1	36.00	36.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

23	Assesment	
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
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00

24	ECTS / WORK LOAD TABLE
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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	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	0	0	2	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			