

OSEONOGRAPHY

1	Course Title:	OSEONOGRAPHY	
2	Course Code:	COG4032	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	8	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi ABDULLAH AKBAŞ	
15	Course Lecturers:	Dr. Öğr. Üyesi Abdullah AKBAŞ email:abdullahakbas@uludag.edu.tr	
16	Contact information of the Course Coordinator:	Dr. Öğr. Üyesi Abdullah AKBAŞ email:abdullahakbas@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of this course is to provide a broad explanation of all processes in the oceans.	
19	Contribution of the Course to Professional Development:	This course provides the needs that wanted by environmental agencies	
20	Learning Outcomes:		
		1	Explain the physical and chemical processes in the oceans
		2	Have knowledge about ocean geomorphology
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Oceanography Ocean geography/science Marine science Oceanography		
2	Plate tectonics and the formation of oceans		
3	Ocean floor geomorphology		
4	Ocean Sedimentation and General Characteristics of Sediments		
5	Basic Physical Properties of Ocean Water		

6	Basic Chemical Properties of Ocean Water	
7	Marine ecosystems	
8	Ocean currents	
9	Waves in oceans and seas	
10	Tides	
11	Tsunamis	
12	Climate Change and the Oceans	
13	Climate Change and the Oceans	
14	Pollution in the oceans	

22	Textbooks, References and/or Other Materials:	Thurman, H. V. (2019). Essentials of oceanography.
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23	Assesment	
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TERM LEARNING ACTIVITIES		NUMBE R	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
Measurement and Evaluation Techniques Used in the Course		Midterm Exam and Final Exam	

24	ECTS / WORK LOAD TABLE
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	6.00	84.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			114.00
Total work load/ 30 hr			3.80
ECTS Credit of the Course			4.00

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	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0

ÖK2	5	5	4	5	5	4	5	5	5	4	4	5	5	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				