DISEASES OF CRUSTACEAN AND ARTHROPODS									
1	Course Title:	DISEAS	ES OF CRUSTACEAN AND ARTHROPODS						
2	Course Code:	VSH 601	8						
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	2							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Prof. Dr.	SONER ALTUN						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Prof. Dr. Soner ALTUN Veteriner / Klinik Öncesi Bilimler / Su Ürünleri Hastalıkları Anabilim Dalı							
17	Website:								
18	Objective of the Course:	Giving information about cultured crustaceans and arthropods (shrimp, crayfish, mussels, oysters) and these creatures pathogens, examination, diagnosis, treatment and prevention-control measures are intended to be gain information about.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Crayfish, shrimp, mussels and oysters have knowledge about the biology and breeding.						
		2	Crayfish, shrimp, mussels and oysters gains the ability to make internal and external examinations.						
		3	Crayfish bacterial, viral and fungal disease diagnosis, treatment and prevention have knowledge about control						
		4	Shrimp bacterial, viral and fungal disease diagnosis, treatment and prevention have knowledge about control						
		5	Mussels and oysters are compulsorily notifiable diseases and their diagnosis, treatment and prevention have knowledge about control						
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
	Course Content:								
Week	Theoretical		Practice						
1	Culture and biology of crayfish								

2	Culture	and bi	ology	of cray	/fish													
3	Culture	Culture and biology of mussel																
4	Culture	Culture and biology of oyster																
5	Crayfish	Crayfish Plaque																
6	Happich	Happich Disease																
7	Tetrahedral and Spherical Baculovirosis																	
8	Taura Syndrome and White Spot Disease																	
9	Yellowhead Disease and Infectious Hypodermal and Hematopoietic Necrosis																	
10	Bonamiosis																	
11	Marteilio	osis																
12	Microsit	osis																
13	Perkins	osis																
14	Haplosp	oridios	sis															
22	Textbooks, References and/or Other Materials:							1. S A 2. M H 3.	1. Abele. L.G. (Ed.) 1982. The biology of crustacea. Vol. 1. Systematics, the fossil record, and biogeography. Academic Press, (U.S.A.). 336 pp. ISBN 0-12106-401-8 2. Austin, B. and Austin, D.A. 1989. Methods for the microbiological examination of fish and shellfish. Ellis Horwood / Halstead. 317 pp. ISBN 0-7458-0400-4. (Ellis Horwood); 0-470- 21486- 3. OIE 2013. Manual of Diagnostic Tests for Aquatic									
Activites						_1^	Numt	ber		Dura	Duration (hour)			Total Work Load (hour)				
Theore	Theoretical								uana 5 14		2.00	2.00			28.00			
Practica	als/Labs							_	0		0.00	0.00			0.00			
<b>Ser M</b> tu		<b>B</b> ACTI	Midhes	;		N	IUMBE	w	<b>E</b> IGHT		4.00	4.00			40.00			
Homew	vorks						<u> </u>		0				0.00			0.00		
Project	<del>3</del>												0.00			0.00		
Field St	Studies								0				0.00			0.00		
Midtern	rm exams										0.00	0.00			0.00			
Others	3 II II								0						0.00			
Final Ex	Exams								1			28.00			28.00			
Total W	Work Load													96.00				
Total w	stal work load/ 30 hr.								00.00					3.20				
ECTS (	CTS Credit of the Course														3.00			
Measurement and Evaluation Techniques Used in the Course								e	50.00									
24 ECTS / WORK LOAD TABLE																		
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	PQ	I PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16		
ÖK1	4	4	5	5	4	4	5	5	3	5	4	3	0	0	0	0		
ÖK2	4	4	5	3	3	5	4	4	3	5	5	4	0	0	0	0		

ÖK3	4	4	5	5	5	3	3	4	4	5	5	4	0	0	0	0
ÖK4	5	5	4	5	4	4	4	5	4	5	4	5	0	0	0	0
ÖK5	4	5	4	5	5	4	5	4	3	5	4	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low		3 Medium			4 High			5 Very High					