

PUBLIC HEALTH IN VETERINARY MEDICINE

1	Course Title:	PUBLIC HEALTH IN VETERINARY MEDICINE	
2	Course Code:	VET5001	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	5	
6	Semester:	9	
7	ECTS Credits Allocated:	2.00	
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. MUSTAFA TAYAR	
15	Course Lecturers:	Prof. Dr. Mustafa TAYAR, Prof. Dr. Songül SONAL, Prof. Dr. Bayram ŞENLİK Doç. Dr. Esra KOÇAKAYA BÜYÜKCANGAZ Dr. Gizem AYTOĞU	
16	Contact information of the Course Coordinator:	mtayar@uludag.edu.tr Uludağ Ün. Veteriner Fak. Gıda Hijyeni ve Teknolojisi Bölümü	
17	Website:	http://www.veteriner.uludag.edu.tr	
18	Objective of the Course:	The following subjects are aimed to gain for the students: food safety from farm to the table, control-prevention and rules in low related to zoonoses, food born diseases food and chemical originated intoxication, properties of production and selling stores and checking procedures in food related areas. Main pollutants, their importance in public health, nature and other living things, protection and measures for health.	
19	Contribution of the Course to Professional Development:	The veterinarian gains knowledge and experience in public health.	
20	Learning Outcomes:		
		1	the concept of food safety from farm to fork
		2	food-borne risks and their ways of prevention
		3	prevention-control ways and legal arrangements in zoonotic diseases and their applications
		4	control of food production and marketing places the effect of pollution on environment and living things causes and results of food pollution measures to take against environment and food pollution responsibilities of veterinary surgeon in use of medicine.
		5	the effect of pollution on environment and living things
		6	causes and results of food pollution

	7	measures to take against environment and food pollution
	8	control of food production and marketing places responsibilities of veterinary surgeon in use of medicine.
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21	Course Content:	
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Week	Theoretical	Practice
1	Introduction to veterinary public health, aims of veterinary public health, services of veterinary public health	
2	Food safety, quality, risk analysis, risk evaluation, risk communication, basic concepts of food quality, the relation of food hygiene and veterinary public health	
3	Concept of food safety from farm to fork, animal health, welfare, animal wastes, meat testing, traceability, food additives and public health relation.	
4	Food derived diseases, protection ways from food poisoning and chemical derived food poisoning	
5	Food control services in Turkey and in European Union, EU food authority, white document, farm animals registration system, custom systems, legal arrangements on veterinary public health	
6	General principles required in food production and marketing places	
7	Classification of zoonoses, epidemiology, control-prevention and legal arrangements related to these diseases	
8	Other bacterial zoonoses, epidemiology, control-prevention and legal arrangements	
9	Epidemiology, control-prevention and legal arrangements on viral and mycotic zoonoses and general approaches on control of zoonoses	
10	Epidemiology, control-prevention and legal arrangements on parasitic zoonoses	
11	Basic concepts of environment- food pollution, reasons of environment-food pollution and its general effects	
12	Pollutants in food, their properties, effects on living things, remains, explanation of food pollution on human and animals	
13	Responsibilities of veterinary surgeons in use of medicine, tolerance rate of medicine and other chemicals	
14	Observation of environmental and food pollution, warnings stated by FDA, WHO, and Food Codex, ways of prevention and control of wastes	

22	Textbooks, References and/or Other Materials:	Gıda Güvenliği: Tayar,M. İstanbul 2009 Veteriner Halk Sağlığı Doğruer,Y., Konya, 2000, Clinical Veterinary Microbiology P.J. Quinn, M.E. Carter, B. Markey, G.R. Carter, London, 2000. Veterinary Microbiology, D.C. Hırsh and Y.C. Zee, USA, 2002 Encyclopedic Reference of Parasitology, Mehlhorn H, Springer Verlag, 2001. Toksikoloji CEYLAN,S., 2003. Veteriner Toksikoloji (ŞENER,S., YILDIRIM,M., 2000, İstanbul) Çevre Bilimi ve Çevre Toksikolojisi (KAYA, S., PİRİNÇCİ, İ., BİLGİLİ, A., 1998. Ecosystems and Human Health, Toxicology and Environmental Hazards (PHILP, R.B., USA) 2001.
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBE R	WEIGHT
Midterm Exam	1	30.00
Quiz	1	10.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	3	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	In order to determine the students' level of knowledge and skills in the field of veterinary public health, the measurement activity is carried out as a midterm exam, mid-term exam and final exam, which are composed of classical written and test forms.	

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	2.00	28.00
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			58.00
Total work load/ 30 hr			1.93
ECTS Credit of the Course			2.00

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	4	5	5	3	4	2	4	1	2	2	3	0	0	0	0	0
ÖK2	5	3	5	2	1	1	5	1	1	0	2	0	0	0	0	0
ÖK3	5	5	5	4	2	1	5	1	1	2	2	0	0	0	0	0
ÖK4	5	3	2	4	4	3	5	2	3	4	2	5	0	0	0	0
ÖK5	5	3	2	1	4	3	5	1	1	3	3	4	0	0	0	0
ÖK6	5	2	2	2	2	2	5	1	1	2	4	2	0	0	0	0
ÖK7	5	3	2	4	4	3	5	2	2	2	2	2	0	0	0	0
ÖK8	5	5	2	5	5	3	5	4	2	2	4	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			