

DRUGS USING IN VETERINARY MEDICINE

1	Course Title:	DRUGS USING IN VETERINARY MEDICINE	
2	Course Code:	VFR5009	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. HASAN HÜSEYİN ORUÇ	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Prof.Dr. Hasan Hüseyin ORUÇ oruc@uludag.edu.tr 224 2941322 Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 Bursa	
17	Website:	http://saglikbilimleri.uludag.edu.tr/anabilimdallari.php	
18	Objective of the Course:	To educate pharmaceutic drugs used in veterinary medicine and presentation of the drugs	
19	Contribution of the Course to Professional Development:	A veterinarian have useful knowledge when they work as clinician or clinical pharmacologist and toxicologist	
20	Learning Outcomes:		
		1	To learn pharmaceutic drug kinds
		2	To comprehend pharmaceutic drugs according to use of aim
		3	To comprehend drugs according to structure
		4	To learn drugs according to animals species
		5	To comprehend drug groups in veterinary medicine
		6	To learn company producing veterinary drugs
		7	To learn label and prospectus of drugs
		8	To interpret veterinary drugs and pharmaceutic drug kinds
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		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Basic differences between veterinary and human drugs	Practice	
2	Basic veterinary drug kinds	Presentation of different pharmaceutics	
3	Basic properties of pharmaceutics	Presentation of drugs that has to some properties	
4	Application route of veterinary drugs	Presentation of application route	

5	Veterinary drug groups	Presentation of different group drugs
6	Using aims of veterinary drugs	Presentation of drugs for using aims
7	Label and prospectus knowledge of veterinary drugs	Examination of label and prospectus knowledge of veterinary drugs
8	Veterinary drugs according to animals species	Compare of some carnivor, ruminants and equine drugs
9	Galenic pharmacy	Practise of some galenic drugs
10	Information about veterinary drug companies	Control the drug companies and their products via internet
11	Information about veterinary drug companies	Control the drug companies and their products via internet
12	Storage and shelf life of veterinary drugs	Examination of some drugs from internet
13	Drug use with registered and prospectus and importance	Examination of some cases with off label using drugs
14	General evaluation	General evaluation

22	Textbooks, References and/or Other Materials:	Veteriner Hekimliğinde İlaç Rehberi (Drug Guide in Veterinary Medicine) (Kaya, S. and Bilgili, A., Ankara, 2001) Veterinary Pharmacy (Kayne, S.B., Jepson, M.H., London, 2004)
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Total	3	100.00	
Practicals/Labs	14	2.00	28.00
Self-study and preparation	14	2.00	28.00
Homeworks	2	14.00	28.00
Projects	1	8.00	8.00
Total	100.00		
Field Studies	0	0.00	0.00
Online exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	14.00	14.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
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	4	4	4	3	4	3	3	4	4	3	2	3	0	0	0	0
ÖK2	3	4	3	4	4	3	3	4	3	3	3	3	0	0	0	0
ÖK3	4	3	4	3	3	3	4	4	4	3	4	3	0	0	0	0
ÖK4	4	4	3	3	4	4	4	3	3	4	3	3	0	0	0	0

ÖK5	3	4	4	4	4	3	3	4	4	3	2	2	0	0	0	0
ÖK6	4	3	4	4	4	3	4	3	4	3	3	3	0	0	0	0
ÖK7	4	4	3	3	4	4	3	3	4	3	3	3	0	0	0	0
ÖK8	3	4	4	4	3	4	4	3	3	4	3	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			