

DRUGS EFFECTING SYSTEMS

1	Course Title:	DRUGS EFFECTING SYSTEMS	
2	Course Code:	VFR5003	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
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. Murat CENGİZ	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	cengizm@uludag.edu.tr 224 2941323 Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 Bursa	
17	Website:		
18	Objective of the Course:	To explain effects of drugs affecting the systems	
19	Contribution of the Course to Professional Development:	Understanding of fundamentals of system pharmacology	
20	Learning Outcomes:		
		1	To be able to understand systems pharmacology
		2	To be able to know and classify drugs affecting the systems
		3	To be able to realize aims of use of drugs affecting the gastrointestinal system
		4	To be able to realize aims of use of drugs affecting the cardiovascular system
		5	To be able to realize aims of use of drugs affecting the respiratory system
		6	To be able to realize aims of use of diuretics
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		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Definition of system pharmacology		
2	Pharmacology of drugs affecting the systems		
3	Emetics and antiemetics		
4	Antiulcer drugs		

5	Modulators of gastric motility	
6	Laxatives and Cathartics	
7	Basic aspects of cardiac function	
8	Digitalis and cardiac glycosides	
9	Vasodilator drugs and antiarrhythmic agents	
10	Drugs acting on blood and blood elements	
11	Bronchodilators	
12	Antitussives	
13	Mucokinetics and expectorants, decongestants	
14	Diuretics	

22	Textbooks, References and/or Other Materials:	Adams H.R., Veterinary Pharmacology and Therapeutics, 8th edition, Iowa State University Press, Ames, 2001. Boothe D.M., Small Animal Clinical Pharmacology and Therapeutics. W.B. Saunders Company, USA, 2001.
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23	Assesment	
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00
Quiz	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Contribution of Term (Year) Learning Activities to	30.00		
Practicals/Labs	0	0.00	0.00
Self Study and Preparation to Success Grade	70.00	10.00	100.00
Homeworks	4	4.00	16.00
Projects	0	0.00	0.00
Measurement and Evaluation Techniques Used in the	Measurement and evaluation are performed according to		
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Undergraduate Education:			
24. ECTS / WORK LOAD TABLE			
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			145.00
Total work load/ 30 hr			4.83
ECTS Credit of the Course			5.00

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	5	3	4	2	2	4	4	2	2	3	4	4	0	0	0	0
ÖK2	5	3	4	2	2	4	4	2	2	3	4	4	0	0	0	0
ÖK3	4	2	3	2	2	3	3	2	2	2	3	3	0	0	0	0
ÖK4	4	2	3	2	2	3	3	2	2	2	3	3	0	0	0	0

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