

# SPECIAL PHARMACOLOGY I

1	Course Title:	SPECIAL PHARMACOLOGY I	
2	Course Code:	VET2006	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	1.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. SONGÜL SONAL	
15	Course Lecturers:	Prof.Dr. H.Hüseyin ORUÇ, Doç. Dr. Murat CENGİZ	
16	Contact information of the Course Coordinator:	Prof.Dr. Songül SONAL Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 Bursa 224 2941321 sonal@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To educate qualified students in the field of drug action on the systems of body include comprising drug source, properties, effects, usage and the scientific principles of correct and conscious drug use	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	the source and properties of the drugs acting body systems
		2	pharmacokinetics and pharmacodynamics of the drugs
		3	doses and usage drugs in the patients animal
		4	the correct and conscious drug use
		5	veterinary drug preparations and prescription writing in drugs acting acting body systems
		6	adverse and toxic effects of drugs and pharmacovigilance data
		7	scientific principles of correct and conscious drug use
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		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Introduction to the neuropharmacology	Pharmacography and galenic pharmacy rules and applications	

2	Adrenergic and antiadrenergic drugs	Presentations of Adrenergic pharmaceutical preparations and prescription writing		
3	Cholinergic and anticholinergic drugs; Autonomic ganglion and neuromuscular blocking agents	Presentations of Cholinergic pharmaceutical preparations and prescription writing		
4	Drugs acting on the central nervous system: Sedatives, hipnotics, anticonvulsants, tranquilizers and neuroleptics	Presentations of CNS depressants pharmaceutical preparations and prescription writing		
5	Narcotic-analgesics and antipyretic-analgesics	Presentations of analgesics pharmaceutical preparations and prescription writing		
6	General anesthetics	Presentations of anesthetics pharmaceutical preparations and prescription writing		
7	Local anesthetics, Central nervous system stimulants	Presentations of CNS stimulants pharmaceutical preparations and prescription writing		
8	Endocrine pharmacology	Presentations of endocrine pharmaceutical preparations and prescription writing		
9	Glucocorticoids, Mineralocorticoids, Thyroid hormones, Autacoides, antihistamines	Presentations of glucocorticoids, antihistamines pharmaceutical preparations and prescription writing		
10	Drugs acting on the cardiovascular system	Presentations of cardiovascular system pharmaceutical preparations and prescription writing		
11	Plasma volume expanders, hematinics, diüretics, and fluid balance and electrolytes	Presentations of diuretics, fluid balance and electrolytes pharmaceutical preparations and prescription writing		
12	Drug acting on the respiratory system	Presentations respiratory drug pharmaceutical preparations and prescription writing		
13	Drugs acting on the digestive system	Presentations of digestive drug pharmaceutical preparations and prescription writing		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical Materials:	Fakültesi Yayınları	2.00		28.00
Practicals/Labs	14	1.00		14.00
Self study and preperation	3, Veterinary Pharmacology and Therapeutics, 10th Edition (Dixons, J.F. Bonich M.C. 2017, Wiley Blackwell)	29.00		29.00
Homeworks	0	0.00		0.00
Projects	(HARVEY,R.A., CHAMBERS, P.C.,2012) Lippincott Williams & Wilkins, a Wolters Kluwer business	9.00		9.00
Field Studies	0	0.00		0.00
Midterm exams	2004, UK)	19.00		19.00
Others	6 Psychopharmacology Drugs: The Brain And Behavior	10.00		10.00
Final Exams	1	28.00		28.00
Total Work Load				139.00
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	4.00
Total work load/ 30 hr				4.00
ECTS Credit of the Course				4.00
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				
24	ECTS / WORK LOAD TABLE			

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	4	4	4	2	2	2	3	3	4	4	4	0	0	0	0
ÖK2	5	4	4	4	2	2	2	3	3	4	4	4	0	0	0	0
ÖK3	5	4	4	5	2	2	3	3	3	4	4	4	0	0	0	0
ÖK4	5	4	4	5	2	2	3	5	5	5	5	5	0	0	0	0
ÖK5	5	4	5	5	2	2	3	4	4	4	4	4	0	0	0	0
ÖK6	5	2	2	2	3	2	2	4	5	4	5	5	0	0	0	0
ÖK7	5	5	2	5	3	2	3	4	4	4	5	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			