

SPECIAL PHARMACOLOGY II

1	Course Title:	SPECIAL PHARMACOLOGY II
2	Course Code:	VET3007
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	1
11	Prerequisites:	-
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:	224 2941321 Prof.Dr. Songül SONAL Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 Bursa sonal@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To educate qualified students in the field of pharmacodynamics, pharmacokinetics , drugs using in patient animals. This course makes easy to understand the special pharmacology
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	scope of pharmacology and pharmacological terms
	2	sources of drugs and general properties
	3	dosage and drug administration routes
	4	drug absorption, distribution, metabolism and excretion
	5	mechanism of drug action
	6	drug interaction, adverse and toxic effects
	7	pharmaceutical preparations and prescription writing
	8	makes easy to understand the pharmacology and use in clinics
	9	
	10	
21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	Pharmacology and drug terms, pharmacopoeia, nomenclature	
2	Sources, properties and classifications of the drugs	
3	Dosages, safety and dose – action relationships of drugs	
4	Dose – response relationships, drug doses	
5	General mechanisms in the absorption of drugs and passage of drugs across biologic membranes	
6	Drug administration routes and absorption	
7	Distribution and accumulation of drugs	
8	Biotransformation and elimination of drugs	
9	Mechanisms of drug action	
10	Drug interactions	
11	Adverse and toxic effects drug	
12	The factors changing drug effects and doses	
13	Developments of new drugs and pharmaceutical preparations	
14	Pharmacography and prescription writing	

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	1.00	14.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	14.00	14.00
Others		1	10.00	10.00
23 /Assesment		1	24.00	24.00
Final Exams		1	24.00	24.00
Total Work Load				104.00
Total work load/ 30 hr	1	30.00		3.00
ECTS Credit of the Course				3.00
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			