



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Drugs Affecting Metabolism							
Course Code		VFT560		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	54 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Accelerate the metabolism of hormones, vitamins and enzymes, and probiotics in the digestive system to teach changer.							
Course Content		Drugs affecting the metabolism of substances used in the biotransformation of drugs or changes in their metabolism and their body's energy, carbohydrate, fat and protein metabolism in addition to positive and negative effects of the drugs used in these systems and their effects on the domain shapes, degrees of clinical use and clinical toxicities .							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Learns the effects of anabolic hormones.
2	Learns the effects of enzymes and probiotics.
3	Learns and knows the effects of other substances that accelerate the metabolism.

Week	Weekly Detailed Course Contents	
1	Theoretical	Information about the Metabolism
2	Theoretical	Metabolism of the common features of accelerators
3	Theoretical	Anabolic hormones
4	Theoretical	Natural hormones
5	Theoretical	Steroids
6	Theoretical	Antibiotics
7	Theoretical	Drugs affecting on Protozoa
8	Theoretical	Vitamins (Midterm Exam)
9	Theoretical	Mineral substances
10	Theoretical	Digestibility of rumen manipulators
11	Theoretical	Neuroleptics
12	Theoretical	Receptor stimulants
13	Theoretical	Enzymes and probiotics
14	Theoretical	Others
15	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				54
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learns the effects of anabolic hormones.
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2	Learns the effects of enzymes and probiotics.
3	Learns and knows the effects of other substances that accelerate the metabolism.
4	To find out and use resources about the profession in the area.
5	To give lectures and/or presentations and discuss with professionals in the area.

Programme Outcomes (Pharmacology and Toxicology (Veterinary Medicine) Master)

1	to be able to comprehend expert knowledge on field of pharmacology and toxicology in veterinary medicine
2	to be able to define expert knowledge on interdisciplinary interaction in pharmacology and toxicology
3	to be able to formulate ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education
4	to be able to integrate and interpret information in the area of pharmacology and toxicology with information in different fields and, if the need arises, provides scientific information and solutions to solve problems.
5	to be able to develop and use strategies in his/her field of expertise in Master's Program of Pharmacology and Toxicology
6	to be able to comprehend methods of obtained and submitted scientific knowledge
7	to be able to analyse current information related to his/her field of expertise (scientific information, procedures etc.) and use them when necessary.
8	to be able to apply technological tools in social relationships of vocational and professional environment.
9	to be able to review, evaluate and interpret any data (field observations, available scientific information etc.) towards a specific purpose.
10	to be able to comprehend expert knowledge on the function and basic pharmacological features of pharmacology and sub-branches of science, relationship between the drug and poison, pharmacokinetic, effects of the drugs, the dose-intensity and dose-effect relationship.
11	to be able to identify expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning.
12	to be able to define and use laboratory equipment in a pharmacology and toxicology laboratory.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	4	5		
P3	5	4	4		4
P4	4	5	5		4
P5					5
P6				5	5
P7				5	
P8					5
P9				5	5
P10	5	5	5		

