



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY MICROBIOLOGY
MICROBIOLOGY
MICROBIOLOGY (VETERINARY) MASTER'S WITHOUT THESIS
COURSE INFORMATION FORM

Course Title	Infectious Diseases of the Horse								
Course Code	MİK556	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	3	Workload	81 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about infectious diseases of the horse.								
Course Content	Rhodococcus equi, Miscellaneous Aerobic Gram Positive and Gram Negative Bacterial Infections, Endotoxemia, Salmonellosis, Enteric Clostridial Infections, Botulism and Tetanus, Systemic Clostridial Infections, Miscellaneous Anaerobic Infections, Leptospirosis, Dermatophilus, Mycobacterial Infections, Miscellaneous Viral and Protozoal Diseases.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	40
Quiz	2	20
Assignment	2	20

Recommended or Required Reading

1	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
2	Bergey's manual of systematic bacteriology
3	Microbial Zoonoses and Sapronoses
4	Veterinary Microbiology and Microbial Disease
5	Clinical Veterinary Microbiology
6	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Rhodococcus equi,
2	Theoretical	Miscellaneous Aerobic Gram Positive and Gram Negative Bacterial Infections
3	Theoretical	Endotoxemia
4	Theoretical	Salmonellosis
5	Theoretical	Enteric Clostridial Infections
6	Theoretical	Botulism and Tetanus
7	Theoretical	Systemic Clostridial Infections
8	Intermediate Exam	Midterm Examination
9	Theoretical	Miscellaneous Anaerobic Infections
10	Theoretical	Leptospirosis
11	Theoretical	Dermatophilus
12	Theoretical	Mycobacterial Infections
13	Theoretical	Mycobacterial Infections
14	Theoretical	Miscellaneous Viral and Protozoal Diseases.
15	Theoretical	Discussion

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	3	1	8
Laboratory	14	0	2	28



Quiz	2	1	1	4
Midterm Examination	1	5	1	6
Final Examination	1	5	2	7
Total Workload (Hours)				81
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. To be able to describe infectious diseases of the horse
2	2. To be able to describe Rhodococcus equi, Miscellaneous Aerobic Gram Positive and Gram Negative Bacterial Infections, Endotoxemia
3	3. To be able to describe Salmonellosis, Enteric Clostridial Infections, Botulism and Tetanus
4	4. To be able to classify Systemic Clostridial Infections, Miscellaneous Anaerobic Infections
5	5. To be able to diagnose Leptospirosis, Dermatophilus, Mycobacterial Infections, Miscellaneous Viral and Protozoal Diseases
6	6. To be able to use the necessary information

Programme Outcomes (Microbiology (Veterinary) Master's Without Thesis)

1	Department has the ability to identify and apply information about bacteriology, virology, mycology and has the ability to recognize diseases about veterinary medicine
2	Department has the ability to take the advantage of technology and has the ability to diagnose, treat and prevent the diseases by using appropriate equipments
3	Department has the ability to analyze the epidemiological compounds of an animal population and has the ability to get precautions.
4	Department has the ability to test or analyze the diseases and has the ability to evaluate the results.
5	Department has the ability to perform, produce and conclude projects for scientific researches.

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

	L1	L2	L3	L4	L5	L6
P1	4	5	4	5	5	4
P2	5	5	4	5	5	4
P3	5	4	5	5	4	5
P4	5	5	4	4	5	4
P5	3	3	5	5	4	3

