AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Tick-Borne Bacterial Infections								
Course Code	MİK551		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	48 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about Tick-Borne bacterial infections.								
Course Content	The epidemiology, diagnosis, treatment and control of tick-borne diseases in human and animals like Rickettsiosis, Borreliosis, Coxiellosis; and control procedures during prophylactic stages for the ticks that have a role in the biological cycle of diseases								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Prof. Göksel ERBAŞ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	1	20

Recommended or Required Reading	
1	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
2	Bergey's manual of systematic bacteriology
3	Zoonoses and Communicable Diseases Common to Man and Animals. Third Edition
4	Veterinary Microbiology
5	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Epidemiology of Rickettsiosis
2	Theoretical	Diagnosis of Rickettsiosis
3	Theoretical	Therapy of Rickettsiosis
4	Theoretical	Prevention and control in Rickettsiosis disease
5	Theoretical	Epidemiology of Borreliosis
6	Theoretical	Diagnosis of Borreliosis
7	Theoretical	Therapy of Borreliosis
8	Intermediate Exam	Midterm Examination
9	Theoretical	Prevention and control in Borreliosis disease
10	Theoretical	Epidemiology of Coxiellosis
11	Theoretical	Diagnosis of Coxiellosis
12	Theoretical	Therapy of Coxiellosis
13	Theoretical	Prevention and control in Coxiellosis
14	Theoretical	Control procedures during prophylactic stages for the ticks that have a role in the biological cycle of diseases
15	Theoretical	Discussion

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	2	2
Laboratory	14	0	0.5	7
Midterm Examination	1	2	1	3

Final Examination	1	6	2	8
			Total Workload (Hours)	48
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	1. To be able to list Tick-Borne bacterial infections
2	2. To be able to describe epidemiology, diagnosis, treatment and of tick-borne diseases in human and animals like Rickettsiosis, Borreliosis, Coxiellosis
3	3. To be able to describe control procedures during prophylactic stages for the ticks that have a role in the biological cycle of diseases
4	4. To be able to use the necessary information
5	To have information about the types of tick in bacterial infection.

Programme Outcomes *(Microbiology (Veterinary Medicine) 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
P1	5	5	5	4	5
P2	5	5	5	4	4
P3	4	4	4	5	5
P4	5	3	5	4	3
P5	5	5	4	5	5