



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Mycoplasma, Riketsia and Clamidia Infections								
Course Code	MIK633		Course Level		Third Cycle (Doctorate Degree)				
ECTS Credit	4	Workload	95 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about mycoplasma, riketsia and clamidia infections.								
Course Content	General characteristics of mycoplasma species, diagnostic techniques. Pleurapneumonia contagiosa in cattle. Agalaxia in sheep and goats. General characteristics of Riketsiya. Q fever, Ehrlichosis. General properties of Chlamydia. Enzootic abortus of sheep, enzootic abortus of cattle, polyarthritis of sheep and cattle, encephalomyelitis of cattle. Psittacosis and Ornithosis infections.								
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 (%)
Assignment	4	20
Quiz	2	20
Midterm Examination	1	20
Final Examination	1	40

Recommended or Required Reading	
1	Immunoloji
2	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
3	Bergey's manual of systematic bacteriology
4	Veterinary Microbiology and Microbial Disease
5	Clinical Veterinary Microbiology
6	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	General characteristics of mycoplasma species, diagnostic techniques
2	Theoretical	Pleurapneumonia contagiosa in cattle
3	Theoretical	Pleurapneumonia contagiosa in cattle
4	Theoretical	Contagious caprine mycoplasmosis
5	Theoretical	Agalaxia in sheep and goats
6	Theoretical	General characteristics of Rickettsia
7	Theoretical	General characteristics of Rickettsia
8	Theoretical	Discussion
9	Theoretical	Spotted fever, Q fever
10	Theoretical	General properties of Chlamydia
11	Theoretical	Enzootic abortus of sheep and cattle
12	Theoretical	Polyarthritis of sheep and cattle
13	Theoretical	Encephalomyelitis of cattle
14	Theoretical	Psittacosis and Ornithosis infections

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	2	2	8
Laboratory	14	2	1	42
Quiz	2	2	1	6
Midterm Examination	1	3	1	4



Final Examination	1	5	2	7
Total Workload (Hours)				95
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1. Having information about general characteristics of Mycoplasma species
2	2. Having information about general characteristics of Rickettsia and Chlamydia
3	3. To have knowledge about diagnosis and treatment of mycoplasma species
4	4. To have knowledge about the diagnosis and treatment of Rickettsia and Chlamydia species
5	5. Providing ability to use these informations

### Programme Outcomes (Microbiology (Veterinary Medicine) Doctorate)

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.
6	Department has the ability to donate theoretical and practical knowledge about postgraduate students in the are of microbiology.
7	Graduate students has the ability to perform 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	4	5	5
P2	4	5	4	5	5
P3	4	5	4	5	4
P4	4	5	5	4	4
P5	5	4	4	5	5
P6	4	5	5	4	4
P7	5	4	4	5	5

