



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Epidemiology of Bacterial Horse Diseases							
Course Code		MIK663		Course Level		Third Cycle (Doctorate 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 The Epidemiology of Bacterial Horse Diseases.							
Course Content		Bacterial infections causing abortus in cattle and sheep (aetiology, epizootiology, pathogenesis and direct and indirect diagnosis of this infections in the field or in the laboratory). Viral infections causing abortus in sheep and cattle (aetiology, epizootiology, pathogenesis and direct and indirect diagnosis of this infections in the field or in the laboratory). Mycotic infections causing abortus in cattle and sheep (aetiology, epizootiology, pathogenesis and direct and indirect diagnosis of this infections in the field or in the laboratory).							
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	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
2	Bergey's manual of systematic bacteriology
3	Temel Mikrobiyoloji
4	Veteriner Bakteriyoloji
5	İmmunoloji
6	Bovine Medicine Diseases and Husbandry of Cattle

### Weekly Detailed Course Contents & Teaching Methods

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Disease determinants of factors for agent
2	Theoretical	Disease determinants of factors for agent
3	Theoretical	Environment and host in the bacterial infections of horses
4	Theoretical	Environment and host in the bacterial infections of horses
5	Theoretical	Spread ways of bacterial agents
6	Theoretical	Spread ways of bacterial agents
7	Theoretical	Exit ways of bacterial agents
8	Theoretical	Discussion
9	Theoretical	Exit ways of bacterial agents
10	Theoretical	Bacterial infections types in the horses
11	Theoretical	Bacterial infections types in the horses
12	Theoretical	Determination of diseases in the population
13	Theoretical	Determination of diseases in the population
14	Theoretical	Survey analysis methods for equine diseases.

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	4	0	1	4
Laboratory	14	0	0.5	7
Quiz	2	2	0.5	5
Midterm Examination	1	1	1	2



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

### Learning Outcomes

1	1. Having information about The Epidemiology of Bacterial Horse Diseases
2	2. To have knowledge about epidemiology of bacterial horse diseases in the world
3	3. To have knowledge about epidemiology of bacterial horse diseases in Turkey
4	4. To have information about the evaluation of epidemiological data
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	4	5	4	4
P2	5	5	5	4	5
P3	4	4	5	4	5
P4	4	4	4	5	5
P5	5	5	4	4	4
P6	5	5	5	5	4
P7	4	5	4	4	3

