AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Bacterial Infections of Pigs						
Course Code	MİK553		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	106 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about bacterial infections of pigs.						
Course Content	Etiology, epidemiology, clinical signs, bacteriological and serological diagnosis, treatment and protection of bacterial diseases of pigs.						
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	An Outline of Swine Diseases
4	Swine Diseases 9th edition
5	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Etiological characteristics of bacterial infections of pigs
2	Theoretical	Etiological characteristics of bacterial infections of pigs
3	Theoretical	Etiological characteristics of bacterial infections of pigs
4	Theoretical	Etiological characteristics of bacterial infections of pigs
5	Theoretical	Epidemiology in bacterial infections of pigs
6	Theoretical	Epidemiology in bacterial infections of pigs
7	Theoretical	Epidemiology in bacterial infections of pigs
8	Theoretical	Discussion
9	Theoretical	Clinical symptoms in bacterial infections of pigs
10	Theoretical	Clinical symptoms in bacterial infections of pigs
11	Theoretical	Clinical symptoms in bacterial infections of pigs
12	Theoretical	Bacteriological and serological diagnosis in bacterial infections of pigs
13	Theoretical	Bacteriological and serological diagnosis in bacterial infections of pigs
14	Theoretical	Prevention and prophylaxis methods of bacterial infections of pigs

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	6	2	16
Laboratory	14	0	2	28
Quiz	2	5	1	12
Midterm Examination	1	8	2	10

Final Examination	1	10	2	12
		Total Workload (Hours)		106
		[Total Workload (Hours) / 25*] = **ECTS**		4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. To be able to list bacterial infections of pigs
2	2. To be able to use diagnosis, prevention, prophylaxis methods of bacterial infections of pigs
3	3. To be able to use the necessary information
4	To have knowledge about Erisipelas infections.
5	To have information about pig vaccines.

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	4	4	5	5	5
P2	5	4	4	4	4
P3	4	5	5	4	5
P4	3	4	4	5	4
P5	5	3	3	3	3