AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Bacterial Infections of Poultry								
Course Code	MİK524		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	46 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about bacterial diseases of poultry.								
Course Content	Infections caused by gram negative bacteria (Pullorum disease, Fowl typhoid, Paratyphoid infection, E. coli infections, Fowl cholera, Avian Infectious Hepatitis, Vibrio metschnikovii infection, Pseudotuberculosis, Spirochetosis, Chlamydiosis, Mycoplasma infections, Ureaplasma infections). Infections caused by gram positive bacteria (Avian tuberculosis, Streptococcosis, Staphylococcosis, Anthrax, Listeriosis, Erysipelas, Clostridial 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 (%)
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	Diseases Of Poultry: A Colour Atlas
4	Poultry Diseases Influenced by Gastrointestinal Health: Traditional Treatments and Innovative Solutions
5	Veteriner Bakteriyoloji
6	Kanatlı Hayvan Hastalıkları

Week	Weekly Detailed Course Contents	
1	Theoretical	Pullorum, Fowl Typhoid
2	Theoretical	Paratyphoid infections
3	Theoretical	Escherichia coli infections
4	Theoretical	Fowl cholera, Infectious Hepatitis
5	Theoretical	Vibrionic enteritis, Pseudotuberculosis
6	Theoretical	Spirocethosis, Chlamydiosis
7	Theoretical	Mycoplasma infections
8	Intermediate Exam	Midterm Examination
9	Theoretical	Ureaplasma infections
10	Theoretical	Tuberculosis
11	Theoretical	Streptococci infections
12	Theoretical	Staphylococci infections
13	Theoretical	Anthrax, Listeriosis
14	Theoretical	Erysipelotrix,Clostridial infections
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	5	1	6
			Total Workload (Hours)	46
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	1. To be able to identify bacterial diseases of poultry
2	2. To be able to identify gram negative bacterial infections
3	3. To be able to identify gram positive bacterial infections
4	4. To be able to use the necessary information
5	To be able to know the bacterial poultry 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	5	5	5	5	5
P2	5	5	5	5	5
P3	3	4	4	3	5
P4	4	5	5	4	5
P5	5	5	5	5	5