



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	Vibronic enteritis, Pseudotuberculosis
6	Theoretical	Spirochetosis, 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)

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	5	4	5
P2	5	5	5	4	5
P3	4	4	4	4	5
P4	4	5	4	5	4
P5	5	4	5	4	4
P6	4	5	4	3	5
P7	3	3	3	5	5

