



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Bacterial Infections of Poultry								
Course Code	MIK624		Course Level		Third Cycle (Doctorate Degree)				
ECTS Credit	3	Workload	73 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about bacterial poultry diseases.								
Course Content	Infections caused by gram negative bacteria (Pullorum disease, Fowl typhoid, Paratyphoid infection, Colibacillosis, 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 (%)
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	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 & Teaching Methods

1	Theoretical	Pullorum, Chicken Typho
2	Theoretical	Paratypho infections
3	Theoretical	Coli infections
4	Theoretical	Fowl cholera, Infectious Hepatitis
5	Theoretical	Vibrionic enteritis, Pseudotuberculosis
6	Theoretical	Spirocethosis, Chlamydiosis
7	Theoretical	Mycoplasma infections
8	Theoretical	Discussion
9	Theoretical	Ureaplasma infections
10	Theoretical	Tuberculosis
11	Theoretical	Streptococci infections
12	Theoretical	Staphylococci infections
13	Theoretical	Anthrax, Listeriosis
14	Theoretical	Erysipelotrix, Clostridial infections

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	4	1	1	8
Quiz	2	1	1	4
Midterm Examination	1	11	1	12



Final Examination	1	20	1	21
			Total Workload (Hours)	73
			[Total Workload (Hours) / 25*] = ECTS	3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. Having information about bacterial poultry diseases
2	2. Having information about gram negative bacterial infections
3	3. Having information about gram positive bacterial infections
4	4. Having information about diagnosis of bacterial poultry diseases
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	5	5	5
P2	4	4	5	4	4
P3	4	4	5	5	4
P4	4	5	5	4	5
P5	5	4	5	4	5
P6	4	5	4	4	4
P7	5	4	4	5	4

