



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY MICROBIOLOGY
MICROBIOLOGY
MICROBIOLOGY (VETERINARY) MASTER'S WITHOUT THESIS
COURSE INFORMATION FORM

Course Title	Clinical Mikrobiology								
Course Code	MİK523	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	49 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about infectious diseases of cage birds.								
Course Content	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause, epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection.								
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	40
Final Examination	1	60

Recommended or Required Reading

1	Kanatlı Hayvan Hastalıkları
2	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
2	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
3	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
4	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
5	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
6	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
7	Theoretical	Bacterial, viral, fungal and parasitic agents causing infections in cage birds, their etiological characteristics and the diseases they cause
8	Intermediate Exam	Midterm Examination
9	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
10	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
11	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
12	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
13	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
14	Theoretical	Epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
15	Theoretical	Discussion

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28



Laboratory	1	1	14	15
Midterm Examination	1	1	2	3
Final Examination	1	1	2	3
Total Workload (Hours)				49
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. To be able to list infectious diseases of cage birds
2	2. To be able to define epidemiology, pathogenesis, clinical signs, necropsy findings, bacteriological, serological and allergic diagnosis, treatment and protection
3	3. To be able to use the necessary information
4	Clinical diagnosis of diseases
5	Laboratory diagnosis

Programme Outcomes (*Microbiology (Veterinary) 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	3	5	5	5	5
P2	5	5	5	5	3
P3	4	3	5	3	4
P4	5	4	4	4	5
P5	5	5	5	5	5

