



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

Course Title	Viral Infections of Poultry								
Course Code	MİK525	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about viral diseases of poultry.								
Course Content	Newcastle disease, avian influenza, avian encephalomyelitis, infectious bronchitis, Reovirus infections, reticuloendotheliasis, infectious laryngitis, infectious tracheitis, infectious brochitis, infectious bursal disease, Marek's disease, Leucosis, Adenovirus infections in poultry, Infectious laryngotrachetis, Chicken Pox, Egg drop syndrome (EDS 76), Infectious anemia, Viral hepatitis of turkeys. Bronchitis of quail, haemorrhagic enteritis.								
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	Kanatlı Hayvan Hastalıkları
2	Avian Influenza
3	Avian Influenza and Newcastle Disease A Field and Laboratory Manual
4	Handbook of Poultry Diseases

Week	Weekly Detailed Course Contents	
1	Theoretical	Newcastle Disease
2	Theoretical	Avian Influenza
3	Theoretical	Avian encephalomyelitis, Reovirus Infections
4	Theoretical	Reticuloendotheliasis, Infectious laryngitis
5	Theoretical	Infectious tracheitis, Infectious bronchitis
6	Theoretical	Gumboro
8	Intermediate Exam	Midterm Examination
9	Theoretical	Leucosis
10	Theoretical	Adenovirus Infections in poultry
11	Theoretical	Infectious laryngotracheitis, Chicken pox
12	Theoretical	Dyphtheria, Egg Drop Syndrome (EDS 76)
13	Theoretical	Infectious anemia, Viral hepatitis of turkeys
14	Theoretical	Quail bronchitis, haemorrhagic enteritis
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	5	1	6



Final Examination	1	6	1	7
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1. To be able to identify viral diseases of poultry
2	2. To be able to identify the diagnosis, therapy and prophylaxy of viral diseases of poultry
3	3. To be able to use the necessary information
4	To be able to differ viral diseases of poultry
5	Viral poultry vaccines

### 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	5	5	5	4	4
P2	5	5	5	5	4
P3	4	4	4	5	4
P4	5	5	5	5	4
P5	5	5	5	4	4

