AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Immunological Mechanisms in Infectious Diseases								
Course Code	MİK544		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	3	Workload	80 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about immunological mechanisms in infectious diseases.								
Course Content	The innate, acquired, humoral and cellular immunity mechanisms against infectious diseases								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Lec. Hafize Tuğba YÜKSEL DOLGUN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	40
Quiz	2	20
Assignment	2	20

Recommended or Required Reading	
1	Handbook of Vertebrate Immunology
2	Veterinary Immunology
3	İmmunoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Innate immunity mechanisms against infectious diseases
2	Theoretical	Innate immunity mechanisms against infectious diseases
3	Theoretical	Innate immunity mechanisms against infectious diseases
4	Theoretical	Innate immunity mechanisms against infectious diseases
5	Theoretical	Acquired immunity mechanisms against infectious diseases
6	Theoretical	Acquired immunity mechanisms against infectious diseases
7	Theoretical	Acquired immunity mechanisms against infectious diseases
8	Intermediate Exam	Midterm Examination
9	Theoretical	Humoral immunity mechanisms against infectious diseases
10	Theoretical	Humoral immunity mechanisms against infectious diseases
11	Theoretical	Humoral immunity mechanisms against infectious diseases
12	Theoretical	Cellular immunity mechanisms against infectious diseases
13	Theoretical	Cellular immunity mechanisms against infectious diseases
14	Theoretical	Cellular immunity mechanisms against infectious diseases
15	Theoretical	Discussion

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	4	1	5
Quiz	2	8	1	18
Midterm Examination	1	10	2	12
Final Examination	1	15	2	17
			Total Workload (Hours)	80
			[Total Workload (Hours) / 25*] = **ECTS**	3

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes	
1	1. To be able to define immunological mechanisms in infectious diseases
2	2. To be able to classify innate, acquired, humoral and cellular immunity mechanisms.
3	3. To be able to use the necessary information
4	To know the mechanism of infectious disease formation.
5	To know the mechanism of immune formation in infectious diseases.

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