AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Asidoresistant Bacteria and Infections								
Course Code	MİK521		Couse 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 acidoresistant bacteria.								
Course Content	The identification and classification of acidoresistant bacteria. Mycobacteria and Tuberculosis. Pathogenesis in Tuberculosis. Application and evaluation of tuberculin tests. Skin tuberculosis. Paratuberculosis and prophylaxis.								
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	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
2	Bergey's manual of systematic bacteriology
3	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents	
1	Theoretical	Identification of acidoresistant bacteria
2	Theoretical	Classification of acidoresistant bacteria
3	Theoretical	Classification of acidoresistant bacteria
4	Theoretical	Mycobacteria and tuberculosis disease
5	Theoretical	Mycobacteria and tuberculosis disease
6	Theoretical	Pathogenesis of tuberculosis
7	Theoretical	Pathogenesis of tuberculosis
8	Intermediate Exam	Midterm Examination
9	Theoretical	Tuberculin applications and evaluation
10	Theoretical	Tuberculin applications and evaluation
11	Theoretical	Skin tuberculosis
12	Theoretical	Skin tuberculosis
13	Theoretical	Paratuberculosis disease
14	Theoretical	Prophylaxis of tuberculosis
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	3	1	4
Final Examination	1	8	1	9
			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 define acidoresistant bacteria
2	2. To be able to define tuberculosis and paratuberculosis
3	3. To be able to list tuberculosis skin tests and diagnostic methods
4	4. To be able to use the necessary information
5	To be able to use the necessary information.

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