



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Introduction to Pathogenesis of Bacterial Disease							
Course Code		VPT541		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	3	Workload	70 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Factors related to enviromental and agents occuring of the bacterial diseases, mechanisms of the bacterial diseases, bacteria-cell and bacteria-host intereactions							
Course Content		Factors related to enviromental and agents occuring of the bacterial diseases, mechanisms of the bacterial diseases, bacteria-cell and bacteria-host intereactions							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	1	10

### Recommended or Required Reading

1	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 1. 4th edition. Academic Pres Inc
2	K.V.F. Jubb, P. C.Kennedy. N. Palmer (1992). Pathology of Domestic Animals volume 2. 4th edition. Academic Pres Inc.
3	K.V.F. Jubb, P. C. Kennedy,N. Palmer (1992). Pathology of Domestic Animals volume 3. 4thedition. Academic Pres Inc.
4	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 1. cilt medipres, Ankara
5	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 2. cilt medipres, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to bacterial diseases
2	Theoretical	General mechanism of bacterial diseases
3	Theoretical	Etiology of bacterial diseases
4	Theoretical	Pathogenesis of bacterial diseases
5	Theoretical	Physiopathologic mechanism bacterial diseases
6	Theoretical	Pathologic finding of granulomatosis inflammation
7	Theoretical	Pathologic finding of tuberculosis
8	Intermediate Exam	Midterm exam
9	Theoretical	Pathologic finding of botilismus
10	Theoretical	Pathologic finding of leptospirosis
11	Theoretical	Pathologic finding of exudative inflammation
12	Theoretical	Listeriosis
13	Theoretical	Antrax
14	Theoretical	Overview
15	Final Exam	Term exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	5	25
Term Project	1	0	10	10
Reading	5	0	1	5
Midterm Examination	1	0	1	1



Final Examination	1	0	1	1
Total Workload (Hours)				70
[Total Workload (Hours) / 25*] = <b>ECTS</b>				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To be knowledgeable about the pathogenesis of bacterial diseases
2	To be knowledgeable about the macroscopic changes in bacterial diseases
3	To be knowledgeable about the microscopic changes in bacterial diseases
4	To be knowledgeable about the methods used in the diagnosis of bacterial diseases
5	To be knowledgeable about the treatment of bacterial diseases

### Programme Outcomes (Pathology (Veterinary Medicine) Master)

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
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### 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	4	3	5	5
P2	3	5	4	5	5
P3	3	3	3	5	5
P4	4	4	4	5	5
P5	3	3	3	5	5
P6	3	4	5	5	5
P7	3	5	3	5	5
P8	4	5	3	5	5
P9	4	5	3	5	5
P10	3	3	4	5	5

