



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Intermediate Host and Vectors							
Course Code		VPR551		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	1	Workload	25 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		To be able to tell about intermediate hosts, vectors,the species of vectors,the interaction between vectors and human and domestic animal health, the effects of vectors in hosts,infections caused by vectors.							
Course Content		intermediate hosts, vectors,the species of vectors,the interaction between vectors and human and domestic animal health, the effects of vectors in hosts,infections caused by vectors.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Tülin KARAGENÇ							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	YUKARI, B. A., (2000). Protozooloji. Akdeniz Üniversitesi Burdur Veteriner Fakültesi Ders Notu No:9. Burdur.
2	DİK, B., SEVİNÇ, F. (2002). Veteriner Protozooloji. Selçuk Üniversitesi Veteriner Fakültesi. Konya.
3	TÜZER, E., TOPARLAK, M. (1999). Veteriner Protozooloji. İstanbul Üniversitesi Veteriner Fakültesi Ders Notu No:105. İstanbul.
4	KAUFMANN, J. (1996). Parasitic Infections of Domestic Animals. Birkhäuser. Switzerland.
5	PETERS, W., PASVOL, G. (2002). Tropical Medicine and Parasitology. Mosby International Limited. China.
6	SOULSBY, E. J. L., (1986). Helminths, Arthropods and Protozoa of Domesticated Animals. William Cloves Limited. Great Britain.
7	SCHMIDT, G.D. (1985). Foundations of Parasitology.
8	DUMANLI, N., KARAER Z. (2010). Veteriner Protozooloji. Medisan Yayınevi, Ankara
9	URGUHART, G.M., (1987) Veterinary Parasitology , Longman Scientific and Technical, England

Week	Weekly Detailed Course Contents	
1	Theoretical	What is intermediate host, vector and being a vector?
2	Theoretical	What is intermediate host, vector and being a vector?
3	Theoretical	Vectors and types of vectoring
4	Theoretical	Vectors and types of vectoring
5	Theoretical	Types of vectoring and their medical importance
6	Theoretical	Arthropods as an intermediate host and as a vector
7	Theoretical	Morphology, biology and importance of arthropods as an intermediate host and as a vector
8	Intermediate Exam	Midterm exam
9	Theoretical	Morphology, biology and importance of arthropods as an intermediate host and as a vector
10	Theoretical	Helminths as intermediate hosts
11	Theoretical	Morphology, biology and importance of helminths as an intermediate host
12	Theoretical	Morphology, biology and importance of helminths as an intermediate host
13	Theoretical	Medical importance of intermediate hosts and vectors, treatment and prevention
14	Theoretical	Medical importance of intermediate hosts and vectors, treatment and prevention
15	Theoretical	Discussion
16	Final Exam	Final exam
17	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14



Reading	1	1	1	2
Midterm Examination	1	1	2	3
Final Examination	1	2	4	6
Total Workload (Hours)				25
[Total Workload (Hours) / 25*] = <b>ECTS</b>				1
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the types of vectors; intermediate hosts, vectors and the species of vectors.
2	To be able to express about interactions between humans, domestic animals and vectors
3	Knows the affects of vectors and vector borne diseases to their host.
4	Knows the importance of intermediate hosts and vectors.
5	Knows the available control methods for vectors and vector-borne diseases.

### Programme Outcomes (*Parasitology (Veterinary Medicine) Master*)

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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			5	5
P2		4		5	4
P3		5	4	4	5
P4				3	2
P5				4	
P6				3	3
P7	4	4		4	3
P8			5	2	
P9	4			2	5
P10				4	3
P11			4	1	3
P12				1	

