



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Applications of Pathology of Fish Diseases I							
Course Code		VPT680		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	0	Practice	2	Laboratory	0
Objectives of the Course		Macroscopic, microscopic and immunohistochemical applications in the diagnosis of diseases caused by fungi and parasites							
Course Content		Macroscopic, microscopic and immunohistochemical applications in the diagnosis of diseases caused by fungi and parasites							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	60
Assignment	5	40

Recommended or Required Reading

1	Roberts. J. R. (2001). Fish Patholgy. 1th ed. Bailliere Tindall. London.
2	P.T.K. Woo. D.W. Bruno. (1999). Fish Diseases and Disorders Volume 3,CABI Publishing,
3	Erer. H. 2002. Balık Hastalıkları 2. Baskı. Selçuk Üniversitesi Basımevi. Konya.
4	Arda. M., Seçer. S., Sarıeyyüboğlu. M. 2002. Balık Hastalıkları. Medisan Yayın Serisi. Ankara.
5	Hibiya T. (1982). An Atlas of Fish Histology Normal and Pathological Features. Kodansha Ltd. Tokyo.

Week	Weekly Detailed Course Contents	
1	Practice	
2	Practice	
3	Practice	
4	Practice	
5	Practice	
6	Practice	
7	Practice	
8	Intermediate Exam	
9	Practice	
10	Practice	
11	Practice	
12	Practice	
13	Practice	
14	Theoretical	
15	Final Exam	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Final Examination	1	12	1	13
Total Workload (Hours)				55
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have knowledge about Flavobacteriaceae, Enterbacteriaceae, Photobacteriaacea diseases slide preparation
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2	To have knowledge about Vibrionaceae, Pseudomonadaceae and Mycobacteriaceae diseases slide preparation
3	To have knowledge about protozoan diseases slide preparation
4	To have knowledge about cestode and nematode diseases slide preparation
5	To have knowledge about Mastigomycotina and Zygomycotina diseases slide preparation

Programme Outcomes (Pathology (Veterinary Medicine) Doctorate)

1	The student knows lesions of organs and tissues as well as pathological mechanisms of infectious/noninfectious diseases of especially farm and pet animals.
2	The student intensify theoretical and practical knowledge.
3	The student will learn and apply a variety of theoretical methods of diagnosis.
4	Students macroscopic and microscopic signs of diseases characterized by evaluating the clinical findings and examine the comparative.
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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	5	5	5	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

