AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Systematic Pathology of Teleosts, Pathophysiology and Aquatic Environment						
Course Code	VPT638		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	77 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	Physical and chemical aspects of water quality (temparature, light, dissolved gases, pH), pollution, characteristics of different types of water, anatomy and physiology of Teleosts, pathophysiology snd systematic pathology of Teleosts						
Course Content	Physical and chemical aspects of water quality (temparature, light, dissolved gases, pH), pollution, characteristics of different types of water, anatomy and physiology of Teleosts, pathophysiology snd systematic pathology of Teleosts						
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	40
Final Examination	1	60

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	Jones, T.C., Hunt, R.D., King, N.W., (1996) Veterinary Patology, Waverly Company, Philadelphia, USA

Week	Weekly Detailed Course Contents	
1	Theoretical	Chemical aspects of water quality
	Preparation Work	Book
2	Theoretical	Physical aspects of water quality
	Preparation Work	Book
3	Theoretical	Temperature
	Preparation Work	Book
4	Theoretical	Dissolved gases
	Preparation Work	Book
5	Preparation Work	Book
6	Theoretical	Pollution
	Preparation Work	Book
7	Theoretical	Biologic factors effect water quality
	Preparation Work	Book
8	Preparation Work	Book
	Intermediate Exam	Mid term Exam
9	Theoretical	Characteristics of different types of water
	Preparation Work	Book
10	Theoretical	Anatomy of Teleosts
	Preparation Work	Book
11	Theoretical	Physiology of Teleosts
	Preparation Work	Book
12	Theoretical	Systematic pathology of Teleosts
	Preparation Work	Book
13	Theoretical	Pathophysiology of Teleosts
	Preparation Work	Book
14	Theoretical	Overview
	Preparation Work	Book
15	Theoretical	Overview

15	Preparation Work	Book
16	Preparation Work	Book
	Final Exam	Final Exam
17	Preparation Work	Book
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Assignment	3	9	3	36
Final Examination	1	12	1	13
			Total Workload (Hours)	77
			[Total Workload (Hours) / 25*] = **ECTS**	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have knowledge about the chemical and physical properties of water
2	To have knowledge about water pollution, general characteristics of different source waters
3	To have knowledge about the anatomical and physiological structures of fish
4	To have knowledge about the pathophysiology of fish
5	To have knowledge about systemic pathology of fish

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 theorical 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.
5	
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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