



**AYDIN ADNAN MENDERES UNIVERSITY  
GRADUATE SCHOOL OF HEALTH SCIENCES  
VETERINARY FOOD HYGIENE AND TECHNOLOGY  
FOOD HYGIENE AND TECHNOLOGY (VETERINARY)  
FOOD HYGIENE AND TECHNOLOGY (VETERINARY) MASTER  
COURSE INFORMATION FORM**

Course Title	Environmental Pollution and Public Health								
Course Code	VBH532	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this lecture is to give sufficient information about environmental pollution, types of pollution, environmental pollution and public health relationship, environmental pollution related diseases and prevention from these diseases								
Course Content	The reasons and consequences of environmental pollution, and how to reduce these adverse effects. Environmental pollution and public health relationship.								
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	40
Final Examination	1	60

#### Recommended or Required Reading

1	Dinçer B. ve Sarımehtetoğlu B. Veteriner Hekimlik Halk Sağlığı
2	Doğruer Y. Halk Sağlığı

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction
2	Theoretical	The definition of environmental pollution
3	Theoretical	Types of environmental pollution and environmental health contracts
4	Theoretical	Radioactive pollution
5	Theoretical	Chemical pollution
6	Theoretical	Biologic and microbiologic pollution
7	Theoretical	Water pollution and microplastics
8	Intermediate Exam	Midterm
9	Theoretical	Air pollution
10	Theoretical	Soil pollution
11	Theoretical	Contamination caused by pollution
12	Theoretical	Public health consequences of contamination
13	Theoretical	Prevention of environmental pollution
14	Theoretical	Protection methods
15	Theoretical	Discussion

#### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	21	1	22
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	To gain sufficient knowledge about types of environmental pollution, their sources and mechanisms
2	To have sufficient knowledge related with environmental pollution and its effects on natural resources
3	To teach detailed information about air pollution and environmental health. Acid rains and their effects on public health and natural life.
4	To have sufficient knowledge related with water pollution and its effects on soil, animals, plants and human being.
5	To gain knowledge about soil pollution and its effects on public health.
6	The reasons and consequences in environmental pollution and public health.

**Programme Outcomes** (*Food Hygiene and Technology (Veterinary) 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	L6
P2	5	5	5	5	5	5
P3				5	5	5
P4	5	5	5	5	5	5
P6	5	5	5	5	5	5
P7	5	4	5	5	5	5
P8	4	5	5	4	5	
P9	5	5	5	5	5	5

