

INORGANIC POISONS

1	Course Title:	INORGANIC POISONS
2	Course Code:	VFR5004
3	Type of Course:	Compulsory
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. SONGÜL SONAL
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 BURSA
17	Website:	http://saglikbilimleri.uludag.edu.tr/anabilimdallari.php
18	Objective of the Course:	To give basic knowledge on general specialty inorganic poisons (Metals and metalloids) and source, mechanism of act, therapy and prevention on poisons.
19	Contribution of the Course to Professional Development:	To gains knowledge on metallic poisons.
20	Learning Outcomes:	
	1	To be able to explain source of inorganic poisons
	2	To be able to explain of effects of metals in exposure periods
	3	To be able to solve general approach in poisoning stages
	4	To be able to choose methods of therapy
	5	To be able to solve poisoning occur with natural conditions of metal and metalloids
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21	Course Content:	
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Week	Theoretical	Practice
1	Metal and metalloids	
2	The properties of inorganic poisons	
3	Source of inorganic poisons	

4	Mechanism of action inorganic poisons																																														
5	Arsenic																																														
6	Lead																																														
7	Cadmium																																														
8	Mercury																																														
9	Selenium																																														
10	Copper																																														
11	Fluor																																														
12	Nitrate and nitrite																																														
13	Molybdenum, iron and aluminum																																														
14	General evaluation on metal poisoning																																														
22	Textbooks, References and/or Other Materials:	<p>Gupta R.C., Veterinary toxicology Basic and Clinical Principles, 2nd Edition, Academic Press, Elseiver, USA, 2012.</p> <p>Peterson M.E., Talcott P.A., Small animal Toxicology, 3rd Edition, USA Saunders- Elseiver, 2012.</p> <p>Osweiler, G.D., Carson, T.L., Buck, W.B., Van Gelder, G.A., Clinical and Diagnostic Veterinary Toxicology, 1985</p>																																													
Activites		<table> <tr> <th>Number</th><th>Duration (hour)</th><th>Total Work Load (hour)</th></tr> <tr> <td>Theoretical</td><td>14</td><td>28.00</td></tr> <tr> <td>Practicals/Labs</td><td>0</td><td>0.00</td></tr> <tr> <td>Self study and preperation</td><td>7</td><td>14.00</td></tr> <tr> <td>Homeworks</td><td>2</td><td>10.00</td></tr> <tr> <td>Projects</td><td>0</td><td>0.00</td></tr> <tr> <td>Field Studies</td><td>0</td><td>0.00</td></tr> <tr> <td>TERM LEARNING ACTIVITIES</td><td></td><td>0.00</td></tr> <tr> <td>Others</td><td>3</td><td>18.00</td></tr> <tr> <td>Final Exams</td><td>1</td><td>8.00</td></tr> <tr> <td>Quiz</td><td>0</td><td>0.00</td></tr> <tr> <td>Total Work Load</td><td></td><td>148.00</td></tr> <tr> <td>Total work load/ 30 hr</td><td></td><td>4.93</td></tr> <tr> <td>Final Exam</td><td>1</td><td>60.00</td></tr> <tr> <td>ECTS Credit of the Course</td><td></td><td>5.00</td></tr> </table>	Number	Duration (hour)	Total Work Load (hour)	Theoretical	14	28.00	Practicals/Labs	0	0.00	Self study and preperation	7	14.00	Homeworks	2	10.00	Projects	0	0.00	Field Studies	0	0.00	TERM LEARNING ACTIVITIES		0.00	Others	3	18.00	Final Exams	1	8.00	Quiz	0	0.00	Total Work Load		148.00	Total work load/ 30 hr		4.93	Final Exam	1	60.00	ECTS Credit of the Course		5.00
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Contribution of Term (Year) Learning Activities to Success Grade		40.00																																													
Contribution of Final Exam to Success Grade		60.00																																													
Total		100.00																																													
Measurement and Evaluation Techniques Used in the Course		Written examination																																													
24	ECTS / WORK LOAD TABLE																																														

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	1	1	2	2	2	4	2	2	3	4	4	0	0	0	0
ÖK2	4	2	2	2	3	3	4	2	2	4	5	4	0	0	0	0
ÖK3	4	2	2	2	3	2	3	2	2	3	4	4	0	0	0	0
ÖK4	5	2	2	2	2	2	3	2	2	3	4	4	0	0	0	0
ÖK5	5	5	4	3	4	2	4	3	2	4	4	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			