

# ORTHOPEDICS AND TRAUMATOLOGY

<b>1</b>	Course Title:	ORTHOPEDICS AND TRAUMATOLOGY
<b>2</b>	Course Code:	VET5205
<b>3</b>	Type of Course:	Optional
<b>4</b>	Level of Course:	First Cycle
<b>5</b>	Year of Study:	5
<b>6</b>	Semester:	9
<b>7</b>	ECTS Credits Allocated:	3.00
<b>8</b>	Theoretical (hour/week):	2.00
<b>9</b>	Practice (hour/week):	1.00
<b>10</b>	Laboratory (hour/week):	0
<b>11</b>	Prerequisites:	-
<b>12</b>	Language:	Turkish
<b>13</b>	Mode of Delivery:	Face to face
<b>14</b>	Course Coordinator:	Prof. Dr. NİHAL YAŞAR GÜL SATAR
<b>15</b>	Course Lecturers:	-
<b>16</b>	Contact information of the Course Coordinator:	Email: ngul@uludag.edu.tr Adres: Uludağ Üniv. Veteriner Fak. Cerrahi Anabilim Dalı, Bursa Tel: 0 224 2940839
<b>17</b>	Website:	
<b>18</b>	Objective of the Course:	To teach significant subjects of Orthopedics and Traumatology, to describe diseases, to inform about clinical findings, diagnosis, differential diagnosis, prognosis and treatment of these diseases at practitioner's level and to transform the knowledge into the skill.
<b>19</b>	Contribution of the Course to Professional Development:	Learn the diagnosis and treatment of orthopedics and traumatology diseases in detail.
<b>20</b>	Learning Outcomes:	
	<b>1</b>	Approaching to traumatic patient from point of examination, diagnosis and treatment.
	<b>2</b>	To perform an orthopedic examination.
	<b>3</b>	Identification of diseases in the content of " Orthopedics and Traumatology".
	<b>4</b>	Treatment methods in early and delayed period in "Orthopedics and Traumatology" patient's.
	<b>5</b>	Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.
	<b>6</b>	Develop appropriate treatment plans and administer treatment in the interests of the animals under their care with regard to the resources available.
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<b>21</b>	Course Content:	

Course Content:				
Week	Theoretical	Practice		
1	Explanation of the course. The description and content of "Orthopedics and Traumatology".	Explanations about bones and joints on animal skeleton		
2	Orthopedic diseases of the bone tissue.	General examination of trauma patient		
3	Trauma	Orthopedic examination		
4	Examination of trauma patient, Orthopedic examination	Examination of fractures		
5	Fracture: Definition, aetiology and classification of fractures	Evaluation of radiological findings of fractures		
6	Clinical appearances, diagnosis and prognosis of fractures, Fracture healing	Preparation of PVC splint		
7	Fracture treatment: Conservative management	Simple bandage applications for conservative management		
8	Fracture treatment: Operative management (applied by pins)	Cast bandage application		
9	Fracture treatment: Operative management (applied by plate and screws)	Thomas splint application		
10	Fracture treatment in forelimb and hindlimb fractures (according to anatomical location of fracture)	Internal fixation with different medullary pin		
11	Fracture and fracture treatment in young (immature) animals	Internal fixation with plate and screws		
12	Callus complications in fractures	Cerclage wire application		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		14	1.00	14.00
Self study and preperation		21	1.00	21.00
Homeworks		0	0.00	0.00
Projects		1	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		5	1.00	5.00
Others		0	0.00	0.00
Final Exams		1	20.00	20.00
Total Work Load				90.00
Total work load/ 30 hr				3.00
TERM LEARNING ACTIVITIES		NUMBRE	WEIGHT	
ECTS Credit of the Course				3.00
Midterm Exam		1	30.00	
Quiz		1	10.00	
Home work-project		0	0.00	
Final Exam		1	60.00	
Total		3	100.00	
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		students will be evaluated by a written exam.		
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>			

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	5	5	2	2	2	2	5	4	5	0	0	0	0	0
ÖK2	5	1	4	3	4	2	2	2	3	3	5	0	0	0	0	0
ÖK3	5	1	5	3	3	2	2	2	4	3	5	0	0	0	0	0
ÖK4	5	1	3	5	5	2	2	2	5	3	5	0	0	0	0	0
ÖK5	5	1	4	3	4	2	2	2	3	4	5	0	0	0	0	0
ÖK6	5	1	3	4	3	2	2	2	4	4	5	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			