

LARGE ANIMAL SURGERY

1	Course Title:	LARGE ANIMAL SURGERY
2	Course Code:	VET4015
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	Topographic Anatomy, Introduction to the Clinic, General Surgery
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. DENİZ SEYREK-İNTAŞ
15	Course Lecturers:	Prof. Dr. Deniz Seyrek İntaş, Doç. Dr. Göksen Çeçen
16	Contact information of the Course Coordinator:	Prof. Dr. Deniz Seyrek İntaş U.Ü. Veteriner Fakültesi Hayvan Hastanesi Cerrahi ABD Görükle Kampusu 16059 Görükle / BURSA denizsi@uludag.edu.tr 0224-2940836
17	Website:	http://www.uludag.edu.tr/Bologna/dereceler/dt/33/dl/tr/b/23/p/76/drs/392717
18	Objective of the Course:	It is aimed to provide students with up-to-date knowledge on a level compatible with European Union criteria about infectious and non-infectious diseases of the head, neck, back, tail, male genital organs, urinary system, fore and hindlimbs (bones and soft tissues) in horses, cattle, sheep, goat, and pig, that students the necessary skills to the practitioner veterinary surgeon to treat professionally and use the treatment methods and to educate them in appropriate.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	The student, detects the problem in most important surgical diseases of large animals under clinical and field conditions
	2	applies basic techniques of surgical treatment in large animals
	3	Is able to treat large animals based on indication and under the aspect of economical criteria
	4	Is able to interpret and solve the problem of species/breed specific disorders
	5	Contributes to production and performance on a high standard regarding animal health and welfare and enhances profit of the breeder
	6	Is aware of biosecurity and preventive medicine
	7	Gains multidisciplinary team work approach

		8	Owns approaches and skills of a professional veterinary surgeon		
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		10			
21	Course Content:				
	Course Content:				
Week	Theoretical		Practice		
1	Wound of eyelids, conjunctivitis, ceratitis, (BIK, OIK, KIK), wounds and foreign bodies of the cornea, cyst dermoid, exophthalmus, periodic ophthalmia of horses, eye tumours, differential diagnosis of eye diseases and ocular syndromes.				
2	Soft tissues wounds of the head region, wound complications. Facial paralysis, fractures of the head region, cornual deformations, fracture and luxation of the horn, actinomycosis).				
3	Diseases of nose and nasal cavity, sinusitis, disease of the air sac. Stomatology.				
4	Oesophagus, larynx, pharynx, soft tissue diseases of the cervical region, bursitis nuchalis, fistula of the nuchal region, fractures of the ribs, torticollis, fracture of the caudal vertebrae and diseases of the tail.				
Activites			Number	Duration (hour)	Total Work Load (hour)
6	Hernias. Disease of the rectum and anus. Diseases of male urogenital system.		14	2.00	28.00
Practicals/Labs			0	0.00	0.00
Self study and preparation of and hindlimbs, normal gait and gait anomalies, orthopaedic horse shoeing			14	4.00	56.00
Homeworks			1	4.00	4.00
Projects diseases			0	0.00	0.00
Field Studies			0	0.00	0.00
Midterm Exams bursitis bicipitalis, fracture of the			1	1.00	1.00
Others			0	0.00	0.00
Final Exams plexus, tumours)			1	1.00	1.00
Total Work Load					91.00
Total work load/ 30 hr paralysis of the radial nerve, bursitis olecrani, arthritis-arthritis cubiti, fracture of					3.00
ECTS Credit of the Course					3.00
carpal region, precarpal bursitis, carpal hygroma, carpalis, fracture of ossa carpi)					
10	Diseases of the femoral region, wounds of the sacral region, haematomas, tumours, diseases of the hip joints, fracture of the femur, paralysis of the quadriceps muscle, paralysis of the tibial, fibular, obturator nerves, thrombosis of the iliac artery/ies)				
11	Diseases of the stifle, tibia and tarsus region (gonitis, gonotrochlosis, patella luxation, fracture of the patella, bursitis, diseases of the tibial region and surrounding soft tissues, fracture of the tibia and fibula, rupture of the fibularis tertius muscle, rupture of tendon calcanei, spastic paresis, tarsitis, fractures of the tarsal bones, luxation, tarsal hygroma, OCD)				

12	Diseases of the metacarpus and metatarsus region (wounds, fractures, exostosis, periostitis, ringbone, soreshine, tendinitis, tendovaginitis, arthritis)	
13	Foot and claw diseases of the horse (laminitis, pododermatitis, shoeing faults, foreign bodies of the sole, hoof cracks, narrowed/sheared heels)	
14	Foot and claw diseases of cattle, sheep, goat and pig (laminitis and its complications, digital/interdigital dermatitis, interdigital necrobacillosis, panaritium)	

22	Textbooks, References and/or Other Materials:	<ul style="list-style-type: none"> - Equine surgery, Auer JA, Stick JA, 1999 - Handbuch Pferde Praxis, Dietz O, Huskamp B., 1999 - Veterinary Medicine, Radostitis, O.M., London, 2004 - Krankheiten des Rindes, Rosenberger G, 2002 - Özel Cerrahi, Samsar E, Akin F, 2002 - Farm Animal Surgery, Fubini SI, Ducharme NG, 2004 - Techniques in Large Animal Surgery, Turner SA, McIlwraith, CW, 2004 - Bovine Medicine Diseases and Husbandry of Cattle, Andrews AH et al, 2004 - Ruminant Cerrahisi, Görgül OS, 2007 - Büyük Hayvan Cerrahisi, Görgül O.S., Seyrek-İntaş D., Çeçen G., 2013
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	35.00
Quiz	1	10.00
Home work-project	1	5.00
Final Exam	1	50.00
Total	4	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	ECTS / WORK LOAD TABLE
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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	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0
ÖK2	3	1	1	1	5	2	5	5	2	4	0	0	0	0	0	0
ÖK3	2	5	5	5	2	2	5	5	4	3	0	0	0	0	0	0
ÖK4	2	5	4	2	5	1	5	5	5	3	0	0	0	0	0	0
ÖK5	1	1	3	3	1	3	5	5	3	1	0	0	0	0	0	0
ÖK6	2	5	3	5	3	5	5	5	5	5	0	0	0	0	0	0

ÖK7	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0
ÖK8	2	2	5	5	1	2	5	5	5	3	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium			4 High			5 Very High					