

ONCOLOGICAL SURGERY

1	Course Title:	ONCOLOGICAL SURGERY	
2	Course Code:	VCR 6031	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	1.00	
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. AYŞE TOPAL	
15	Course Lecturers:	Doç. Dr. Nihal Y. GÜL SATAR	
16	Contact information of the Course Coordinator:	e-mail: atopal@uludag.edu.tr Adres: Uludağ Üniv. Veteriner Fak. Cerrahi Anabilim Dalı, Bursa Tel: 0 224 2940835	
17	Website:	http://saglikbilimleri.uludag.edu.tr/	
18	Objective of the Course:	To transfer detailed knowledge and experience to doctorate students about oncological surgery in small animal practice.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	The assistant learns oncological surgery diseases that encountered in small animals and principles of oncological surgery.
		2	He/she obtains detailed information on clinical findings and differential diagnosis of these conditions.
		3	He/she determines the prognosis of patients and illuminates the owner on patient's general condition.
		4	He/she learns and could be apply the treatment options for these diseases.
		5	He/she develops himself/herself communicating with students about the patient and the disease.
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Molecular biology of cancer TNM classification and clinical staging	
2	Principles of cytology and biopsy	
3	Tumor imaging	
4	Principles of care and nutrition for the cancer patient	
5	Principles of oncological surgery	
6	Chemotherapy	
7	Radiation therapy	
8	Relief of chronic cancer pain	
9	Tumors of the skin	
10	Tumors of the skeletal system	
11	Tumors of the digestive tract	
12	Tumors of the urogenital tract	
13	Tumors of the respiratory system and thoracic cavity	
14	Sarcomas of soft tissues and ocular tumors	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Small Animal Clinical Oncology 5th Edition, Stephen J. Withrow , David M. Vail and	14	1.00	14.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	1.00	14.00
Homeworks		1	15.00	15.00
PERIODS LEARNING ACTIVITIES	NUMBE	WEIGHT	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exam	0	0.00	0.00	0.00
Midterm exams	0	0.00	0.00	0.00
Others		0	0.00	0.00
Home work-project	1	20.00	20.00	20.00
Final Exams	1	43.00		
Total Work Load				63.00
Total work load/ 30 hr	2	100.00		2.10
ECTS Credit of the Course				2.00

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

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	2	5	4	3	0	0	0	4	4	5	0	0	0	0	0

ÖK2	5	2	5	3	2	0	0	0	4	3	5	0	0	0	0	0
ÖK3	5	2	5	4	2	0	0	0	5	4	5	0	0	0	0	0
ÖK4	5	3	4	5	3	0	0	0	4	5	5	0	0	0	0	0
ÖK5	5	2	5	5	3	0	0	0	5	5	5	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			