EYE DISEASES

1	Course Title:	EYE DISEASES
2	Course Code:	VET5207
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	5
6	Semester:	9
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:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. NİHAL YAŞAR GÜL SATAR
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Email: ngul@uludag.edu.tr Adres: Uludağ Ünv. Veteriner Fak. Cerrahi Anabilim Dalı, Bursa Tel: 0 224 2940839
17	Website:	http://www.veteriner.uludag.edu.tr
18	Objective of the Course:	To illuminate the veterinarian about eye diseases that encountered in all animal species and to gain the ability of solve the problems.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To remember clinically the eye anatomy in all animal species.
	2	To apply clinical eye examination methods in detail.
	3	To approach the diagnosis in the congenital and acquired eye diseases with eye exam.
	4	To list the diagnosis and differential diagnosis.
	5	To explain the alternatives of medical and operative therapy in eye diseases.
	6	To compare the different operative techniques and the results obtained.
	7	To apply the operations that can be done on practitioner's level in clinical conditions.
	8	To struggle with infectious eye diseases.
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21	Course Content:

Course Content:

Week	Theoretical	Practice
1	The presentation of course content and introduction of specific diseases of the eye.	
2	The detailed anatomy of eye and physiology of vision in all animal species. Refraction abnormalities in animals. External examination methods of the eyes. Special examination techniques: Schirmer tear test, ophthalmic dyes, measurement of intraocular pressure, paracentesis of anterior camara. ultrasonography of the eyes.	
3	Internal examination methods of the eyes. The drugs and eye dressings used in eye diseases. Wound of the eyelids, blepharitis. The function abnormalities of the eyelid (blepharospasm, lagophtalmus). Stick to the eyelids (Atresia palpebrarum, Blepharophimosis, Ankyloblepharon, Symblepharon).	
4	Aetiology, diagnosis and treatments of Trichiasis, Distichiasis, Entropium Ectropium. Diseases of palpebra tertia: Eversion palpebra tertia, hypertrophy of glandula	
5	Diseases of the conjunctiva: Wounds and inflammation of conjunctiva. Conjunctivitis ... conjunctivits sicca, parenchymatous ... and ulceration, conjunctivitis diphterica, ...	
6	Diseases of the cornea: superficial, deep and superficialis, parenchymatous keratitis, keratitis spf. pigmentosa, keratitis prulenta, ... keratitis posterior. Corneal ulceration. Corneal discoloration. ... staphyloma, keratokonus, keratoglobus, xerosis cornea, cyst dermoid ...	
7	... posterior synechia. Hypopyon ve hypohaema. Perforate wounds of anterior camera and treatment options.	
8	Diseases of the lens: subluxation and luxation of lens to anterior and posterior camara. Cataract types and treatment options.	
9	Diseases of the corpus vitreum: Pathological reactions related to corpus vitreum. Abnormalities and heamorrhagia of corpus vitreum.	
10	Diseases of the iris and choroidea, iriditis, uveitis, aetiology of uveitis in dogs, uveitis in cats, systemic diseases.	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	0	0.00	0.00
Self study	14	1.00	14.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	14.00	14.00
Others	0	0.00	0.00
Final Exams	1	18.00	18.00
Total Work Load			74.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

11	Glaucoma, breeds that are predisposed to glaucoma in dogs and cats, aetiopathogenesis, examination methods in diagnosis of glaucoma, medical and operative treatment options.	
12	Diseases of the retina: retinopathies, retinal degenerations, retinitis, retinal detachments, retinal haemorrhage, amaurosis and its aetiolgy.	
13	Orbital disesases. Hidrophtalmus, endophtalmitis, panophtalmitis. Exophtalmus, Strabismus, Nystagmus.	
14	Eye operations, eyelid operations, entropion and ectropion operations, operations in palpebra tertia. Surgical manuplations in corneal wounds, cataract operation, eye tumour operations.	

22	Textbooks, References and/or Other Materials:	1. Akın,F., Samsar, E.(2001): Göz Hastalıkları. Ankara. 2. Gelatt, K. (2005): Essentials of Veterinary Ophthalmology; Blackwell Publishing. 3. Crispin, S. (2005): Notes on Veterinary Ophthalmology. Blackwell Publishing. 4. Gelatt, K. (2007): Veterinary Ophthalmology. Blackwell Publishing. 5. M. Boeve, F. Stades, W. Neumann, B. Spiess and M. Wyman (2007): Ophthalmology for the Veterinary Practitioner. Blackwell Publishing.
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
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		

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	0	0	0	0	4	3	5	1	0	0	0	0
ÖK2	5	2	5	5	3	0	0	0	3	3	5	1	0	0	0	0
ÖK3	5	2	5	5	5	0	0	3	4	3	5	3	0	0	0	0
ÖK4	5	2	5	5	4	0	0	0	5	3	5	3	0	0	0	0
ÖK5	5	2	5	5	5	0	0	1	5	5	5	2	0	0	0	0

ÖK6	5	1	4	5	5	0	0	0	5	4	5	2	0	0	0	0
ÖK7	5	2	5	5	5	0	0	1	5	5	5	2	0	0	0	0
ÖK8	5	2	5	5	5	0	0	3	4	3	5	3	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**