

Course Description Form

1. Course Name:	
Internal medicine	
2. Course Code:	
VEC5113/ VEC5120	
3. Semester / Year:	
First and second semester	2023-2024
4. Description Preparation Date:	
12/2/2024	
5. Available Attendance Forms:	
5th stage students	
6. Number of Credit Hours (Total) / Number of Units (Total)	
90 hr. / 3	
7. Course administrator's name (mention all, if more than one name)	
Name: assistant lec. almas Mohammed Ali/asst. lec. Reyam sami Email: almas.ma@uokirkuk.edu.iq	
8.	
Course Objectives	Providing students with the basic concepts and experience necessary to prepare them as veterinarians and teaching veterinary students the internal medicine disease. 2. The study of, the disease seek the important disease and effected to the environment& economy. 3.which is one of the basics of veterinary clinical, as it aims to study the clinically, differential diagnosis ,treatment and control of disease which their relationship to the animal body on the other.

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9. Teaching and Learning Strategies

Strategy	<p>1- Teaching the student how to understand of internal medicine.</p> <p>2 - Teaching the student the methods of prognosis of diseases that affect animal life.</p> <p>3 - Teaching the student the techniques of optical absorbance measurement devices for the purpose of diagnosis of diseases.</p> <p>4- Dialogical method: It takes place in the form of a dialogue between the teacher and the students, after the student is informed in advance of the topic of the lecture.</p> <p>3- The discovery method: The subject teacher monitors the activities of the students conducting the experiments, individually or collectively.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	3	.	Introduction	3hr.theory	
2 nd	3		Metabolic Diseases: Milk fever, Downer cow syndrome	3hr.theory	
3 rd	3		Metabolic Diseases: Pregnancy toxemia,	3hr.theory 2hr.practic	

4 th	3		Metabolic Diseases: Azotouria in horse, Hypomagnese miatetany,	3hr.theory 2hr.practic	
5 th	3		Metabolic Diseases: Post parturient Hb ur	3hr.theory 2hr.practic	
6 th	3		Metabolic Diseases: Azotouria,	3hr.theory	
7 th	3		Metabolic Diseases: Ketosis, Fatty liver in cattle	3hr.theory	
8 th	3	Mid- term exam.			
9 th	3		Vitamin deficiency: D, A, E, K, C and B vitamins	3hr.theory	
10 th	3		Vitamin deficiency: K, C vitamins		
11 th	3		Vitamin deficiency: E, and B vitamins	3hr.theory	
12 th	3		Mineral deficiency: Ca, P,	3hr.theory	
13 th	3		- Mineral deficiency Cu, Iodine, Mn,	3hr.theory	
14 th	3		- Mineral deficiency: Zn Osteomalacia.	3hr.theory	

11. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	3	.	Cardiovascular system part 1	3hr.theory	
2 nd	3		Cardiovascular system part 2	3hr.theory	
3 rd	3		Blood and Blood forming organ	3hr.theory	
4 th	3		Copper & lead poisoning	3hr.theory	
5 th	3		Nitrate and Nitrite toxicosis	3hr.theory	
6 th	3		Sweet clover & Bracken poisoning	3hr.theory	
7 th	3		Cardiovascular system part 3	3hr.theory	
8 th	3	Mid-term exam.			

9 th	3		Cardiovascular system part4&5	3hr.theory	
10 th	3		Mercury toxic & urea toxic	3hr.theory	
11 th	3		Disease Of urinary system Part 1&2	3hr.theory	
12 th	3		Aflatoxicosis & Tick toxicity Snail bite	3hr.theory	
13 th	3		Organophosphorus poisoning	3hr.theory	
14 th	3		Bracken fern poisoning	3hr.theory	
15 th	3		FINAL EXAM		

12. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

13. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Constable , D.; Hinchcliff, K.W.; Stanl ,H.; and Grunberg, D. W. (2017). Veterinary Medicine, A Text book the diseases of Cattle, Horse , Sheep Pigs, Goat, and , Dogs. 11 thEdn, Elsevier,B.A, Company Ltd., China,P:1904-1994
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	