



كلية الطب البيطري



جامعة أسيوط

Relevant Programme: Bachelor of veterinary medical sciences

Department offers the course: Pathology and Clinical Pathology

Scholar year: 2022-2023

Course Specifications

A- Basic Information		
Title: Pathological diagnosis of pet animals diseases	Code: PSEC06	Level: Elective course
Theoretical: 1 h	Tutorial/Pract: 2 h	Total Credit hours: 2 h
B- Professional Information:		
1-Aims:	<u>Upon completion of this course, the students should be:</u> - Familiarize with different diseases affecting pet animals including neoplastic disorders and diseases affecting digestive, respiratory, cardiovascular, urinary, nervous and genital systems. - Determine the pathological methods of diagnosis of diseases of pet animals including biopsy, gross and microscopic examination.	
2 – Intended Learning Outcomes (ILOs)		
A. Knowledge and Understanding:	1. Explain neoplastic diseases and diseases of digestive, respiratory, cardiovascular, urinary, nervous and genital systems affecting pet animals. 2. Describe gross and microscopic changes of different pathological lesions.	
B. Intellectual Skills	1. Differentiate between pathological features (gross & microscopic) of different diseases. 2. Correlate gross and microscopic changes of different pathological lesions to their disease process. 3. Solve problems related to different diseases.	

C. Professional Skills	<ol style="list-style-type: none"> 1. Demonstrate the pathological methods of diagnosis of diseases of pet animals including biopsy and gross and microscopic examination. 2. Demonstrate methods of sampling, and processing of the samples. 3. Use of cytology for differentiation of diseases in pet animals.
D. General Skills	<ol style="list-style-type: none"> 1. Communicate efficiently with colleagues and staff members. 2. Tolerate an appropriate attitude and manners that reflect the credibility and stickiness to the roles and code of ethics. 3. Cooperate in a team & be able to work as a team leader. 4. Use efficiently different sources of information to get relevant knowledge. 5. Use properly the internet & information technology for research, self-development and continuous learning.

3- Contents

Topic	Lectures hours/week)	Practical hours/week
Neoplasms in pet animals.	2	4
Pathological diagnosis of neoplastic diseases of pet animals.	2	4
Pathological diagnosis of alimentary tract diseases in pet animals.	2	4
Pathological diagnosis of cardiovascular and respiratory tract diseases in pet animals.	2	4
Pathological diagnosis of urogenital tract diseases in pet animals.	2	4
Pathological diagnosis of nervous system diseases in pet animals.	2	4

4- Teaching and Learning Methods	<ul style="list-style-type: none"> • Lectures using data shows. • Practical sessions. - Laboratory for microscopic examination. - PM room for gross examination. - Museum jars.
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5 – Teaching and Learning methods for Disables students	Not applicable
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6- Teaching and Learning Methods for Distinguished students	Not applicable
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7- Student Assessment

Tools	Time Schedule	Grading System
Mid-term Exam	7 th week	20 Marks
Practical Exam	14 th week	20 Marks
Oral Exam	End of semester	10 Marks
Final Theoretical Exam	End of Semester	50 marks

8- List of References

Course Notes	Departmental note
Required Books (Text Books)	Pathologic Basis of Veterinary Disease, James

	F. Zachary, Elsevier, 3251 Riverport Lane, St. Louis, Missouri 63043
Recommended Books	Veterinary Pathology, Jones TC, Hunt RD and King NW, Williams & Wilkins, Pennsylvania, USA
Periodicals, Web Sites, ... etc	- Veterinary Pathology (https://journals.sagepub.com/home/vet) - Veterinary Clinical Pathology (https://onlinelibrary.wiley.com/journal/1939165x) - Comparative Clinical Pathology (https://www.springer.com/journal/580)
9- Facilities Required for Teaching and Learning: Data shows, microscopes, computers with an internet access.	

Date: 5 / 10 / 2022

Course coordinator	Head of the Department	Program Director & College Dean
Prof. Yasmin Omar	Prof. Khaled Radad	Prof. Madeha Hosni