Morbid Anatomy

Diploma course specification

A. BASIC INFORMATION

University:	**University of Sadat City**
Faculty:	**Veterinary Medicine**
Program on which the course is given:	**Diploma of Animal Husbandry**
Department offering the Course:	**Pathology**
Course code:	**----**
Course title:	**Morbid Anatomy**
Lecture (hour/week):	**1**
Practical (hour/week):	**1**
Course coordinator:	**Dr. Mostafa Abdelgaber**

B. PROFESSIONAL INFORMATION

١) Overall aims of course

At the end of this course, the undergraduate students should be able to differentiate the macro- and microscopical pictures of various diseases (bacterial, viral, mycotic and parasitic diseases) in different animal species including poultry and fish.

٢) Intended learning outcomes of course (ILOs)

a) KNOWLEDGE AND UNDERSTANDING

By the end of this course, the graduate should be able to:

a1- Recognize the pathological changes of different diseases by macro- and microscopical examination.

a2- describe the pathological lesions in different organs of animal's body according to their etiology.

b) INTELLECTUAL SKILLS

By the end of this course, the student should be able to:

b.1. Diagnosis the problems among animal that led to presence of histopathological lesions.

b.2. Correlate between the occurrence of disease and their histopathological lesions.

c) PROFESSIONAL AND PRACTICAL SKILLS

By the end of this course, the student should be able to:

c.1. Practice histopathological diagnosis and interpretation.

c.2. Apply postmortem examination.

d) GENERAL AND TRANSFERABLE SKILL

By the end of this course, the student should be able to:

d.1. join with team efficiently.

d.2. handle library services and IT tools.

d.3. Improve computer / keyboard skills including word

d.4. Create effective presentation.

٣) Topics and contents

Topic	No. of hours		
	Lectures	Practical	Total
Acute bacterial diseases	**4**	**4**	**8**
Chronic bacterial diseases	**4**	**4**	**8**
Mycotic diseases	**8**	**8**	**16**
Parasitic diseases	**8**	**8**	**16**
Viral diseases	**8**	**8**	**16**
Fish pathology	**4**	**4**	**8**

Avian pathology	**8**	**8**	**16**
total	**44**	**44**	**88**

٤) Teaching and learning methods

4.1. Lectures.

4.2. Practical.

4.3. Self-learning activities.

٥) Student assessment

a. METHODS:

1- Written examination	For assessment of knowledge, back calling and Intellectual skills
2- Practical examination	For assessment of practical and professional skill.
3- Oral examination	For assessment of knowledge and Intellectual skills
4- Student activities	For assessment of knowledge and general and transferable skills

b. MATRIX ALIGNMENT OF THE MEASURED ILOS/ ASSESSMENTS METHODS:

	K.U (a)	**I.S (b)**	**P.P.S (c)**	**G.S (d)**
Written exam	1-2	1,2		-
Practical exam			1-2	-
Oral exam	2	1,2		-
Student activities (assay, seminar, etc.)	1,2	1		**1-4**

c. WEIGHT OF ASSESSMENTS:

Assessment	**Allocated Mark**	**Evidence**
Final written exam	**50%**	Marked and signed written paper
Practical exam	**20%**	Marked and signed practical exam paper
Oral exam	**20%**	Signed list of oral exam marks
Student assignments	**10%**	Representative samples of presented materials

٦) List of references

6.1. Department notes:

- Department theoretical books and practical manual.

6.2. Essential books

- Text book of veterinary pathology. 5th ed. Jones, C.T. and Hunt, D.R. (1983).
- Veterinary pathology. 6th ed. Jones, C.T.; Hunt, D.R. and King, W.N. (1997).
- Pathology of domestic animals. 4th ed. Vol. 2. Jubb K.V.F.; Kennedy P.C. and Palmer N. (1993).
-

6.3. Journal & websites:

- Research.vet.upenn.edu
- Vetpath.wordpress.com
- American journals of veterinary pathology
- Science direct
- Eulc.edu.eg

	Course coordinators	Head of department
Name	**Dr. Mostafa abdelgaber**	**Prof. Dr. Shaaban Gadallah**
Signature		

Matrix alignment of course topics and ILOs

Topic	No. of hours /week		Total hours	Hours for lect.	Hours for pract.	ILOs				T&L.methods				
	Lect.	Pract.				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lect.	Pract.	Self& active leaning	Audio visual	Case study
Acute bacterial diseases	1	1	8	4	4	1,2	1,2	1,2	1,2,3,4	√	√	√		
Chronic bacterial diseases	1	1	8	4	4	1,2	1,2	1,2	1,2,3,4	√	√			√
Mycotic diseases	1	1	16	8	8	1,2	1,2	1,2	1	√	√	√		
Parasitic diseases	1	1	16	8	8	1,2	1,2	1,2	1,2,3	√	√	√		
Viral diseases	1	1	16	8	8	1,2	1,2	1,2	1	√	√			√
Fish pathology	1	1	8	4	4	1,2	1,2	1,2	3	√	√			
Avian pathology	1	1	16	8	8	1,2	1,2	1,2	4	√	√	√		