

University: Damanhour
Department: Pathology and Parasitology

Faculty: Veterinary Medicine

Specific Pathology Course Specifications (2010- 2011)

Program(s) on which the course is given: BVSc
Department offering the program: ---
Department offering the course: Pathology and Parasitology
Major or Minor element of programs: Major
Academic year /Level: 4th Year 1st semester
Date of specification approval:

A. BASIC INFORMATION

Title: Specific Pathology **Code:** 4APAT
Hours:
Lectures 2 hrs/week **Practical** 2 hrs/week **Total** 60 hrs

B. PROFESSIONAL INFORMATION

1. Overall aims of the course:

- Knowledge: about the basic alterations and deviations than the normal anatomic, histologic, biochemical and physiologic limits in the body in relation to various causative agents.
- Skills: assisted for diagnostic program in various individual cases as well as outbreaks of diseases by biopsy, postmortem and histopathologic examination.

2. Intended Learning Outcomes (ILOs) of the Course:

a. Knowledge and Understanding:

- a1** Morphopathologic changes that may diagnostic for diseased conditions in morbid or dead animals.
- a2** Basic and characteristic lesions (tissue alterations) as a means for the exact diagnosis for the diseased condition and/or the causative agents.

b. Intellectual Skills:

- b1** Comparative criteria between the various characteristic gross or macroscopic lesions.
- b2** Comparative criteria between the various characteristic or pathognomonic tissue alterations (microscopic).
- b3** Give the final identification and diagnosis for the pathologic condition to help in solving measures.

c. Professional and Practical Skills:

- c1 Roles in detecting and identifying the lesions, by gross observations (by using dissecting tools for biopsy and postmortem examination) or by microscopic examination (using histopathologic techniques and light microscopy).

d. General and Transferable Skills:

- d1 Good communications.
- d2 Use of new technology.
- d3 Group working, good management and problem solving ability.

3. Contents:

1st Semester			
Topic	No. of hours	Lectures	Practical
Pathology of viral diseases	14	7	7
Pathology of bacterial diseases	22	11	11
Pathology of mycotic diseases	12	6	6
Pathology of parasitic diseases	12	6	6
Total	60	30	30

4. Teaching and Learning Methods:

- 4.1 Lectures and practical of every topic in the course.
- 4.2 Collection of some information from text books.
- 4.3 Field cases (morbid or dead animals from farms and villages).
- 4.4 Examine the morbid or dead cases in Faculty (Dissecting room for postmortem examination).

5. Student Assessment Methods:

Exam		
5.1	Written Mid-term	To assess the ability to understand and remember knowledge, and intellectual skills
5.2	Written Final-term	To assess the ability to understand and remember knowledge, and intellectual skills
5.3	Practical Final-term	To assess professional and practical skills
5.4	Oral Final-term	To assess skills of analysis and discussion

Assessment Schedule (in each semester):

	Exam	Week
Assessment 1	Written Mid-term	8 th
Assessment 2	Written Final-term	16 th
Assessment 3	Practical Final-term	16 th
Assessment 4	Oral Final-term	16 th

Weighing of assessments

	Exam	Per Semester (%)	Total (%)
Assessment 1	Written Mid-term	10	10
Assessment 2	Written Final-term	25	25
Assessment 3	Practical Final-term	10	10
Assessment 4	Oral Final-term	5	5

6. List of References:**6.1. Course Notes:**

- Printed Course Notes By Staff Members

6.2. Essential Books:

- Runnels, R.A.; Monlux, W.S. and Monlux, A.W. (Textbook of Principles of Veterinary Pathology).
- Smith, H.A.T., Jones, T.C. and Hunt, R.D. (Textbook of Veterinary Pathology)

6.3. Recommended Books:

- COHRS, P. (Special Pathological Anatomy OF Domestic Animal).

6.4. Periodicals, websites, etc

- Nothing

7. Facilities Required for Teaching and Learning

- Microscopes, computers
- Overhead projectors, Scientific CD's
- Audio-Video aids, and mobile screens for exhibition.
- Tissue processor

Course Coordinator: Prof. Dr. Abd El-Rahaman Abo-Rawash

Head of Department: Prof. Dr. Abd El-Rahaman Abo-Rawash

Date: