



كلية الطب البيطري

وحدة ضمان الجودة والإعتماد

جامعة جنوب الوادي

## Course Specifications

Programme(s) on which the course is given: Bachelor of Veterinary Sciences.

Major or Minor element of programmers: Major

Department offering the programme: Parasitology department

Department offering the course: Parasitology department

Academic year / Level: Third Year, 1<sup>st</sup> semester

### A- Basic Information

Title: Veterinary parasitology Code: 313

Year/Level: 3<sup>rd</sup> year

Units/Credit hours: Lecture	Tutorial/Pract.	Total	15
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### B- Professional Information:

#### 1 - Aims:

After completion of this course, the students:

- 1- Describe and identify methods of parasitological examination.
- 2- Acquiring broad knowledge about veterinary Helmenthology.
- 3- To know types of protozoa.
- 4- The students will be able to determine parasitological veterinary Diseases.
- 5- Have broad idea about veterinary entomology.

#### 2- Intended Learning Outcomes (ILOs):

##### a-Knowledge and Understanding:

Graduate of veterinary medical programme must acquire the following Knowledge and understanding :

a1- about class Trematoda

a2- about class Cestoda

a3- about class Nematoda

a4- about phylum Protozoa

a5- about phylum Veterinary Entomology

a6- about methods of parasitological examination

**b- Intellectual Skills:**

Graduate must have the ability to:

b1- deal with parasitological diseases

b2- choose different methods of parasitological examination

b3- know how to deal with different classes of Helmentology.

b4- Deale with protozoal diseases.

**c- Professional Skills :**

Graduate must attain the capacity to:

c1- detect macroscopical and microscopical parasites.

c2- deal with cases of protzoal infections.

c3- evaluate methods of parasitological examination.

c4- evaluate different diagnostic pathological lesions.

**d-General Skills :**

Graduate must have the ability to:

d1- write reports and essay on the different scientific items in the field of animal parasitology .

d2-Reporte the facts using printable sheets in the field of animal parasitology

d3- write a full scientific reports in the field of animal parasitology.

d4- worke in groups and team.

### **3- Contents :**

Contact Hours: Theoretical part: 90 and Practical part: 60

Week		Lectures (hrs)	Practical classes (hrs)	Lecture Topics
1 <sup>st</sup> week		3	2	<b>Introduction of parasitology classification of parasitology</b>
2 <sup>nd</sup> week	<b>Trematodea Class</b>	3	2	<b>Introduction of Trematodes Family Fasciolidae</b>
3 <sup>rd</sup> week		3	2	<b>Family Dicrocoeliidae Family Heterophidae Family Echinostomatidae</b>
4 <sup>th</sup> week		3	2	<b>Family Paramphistomatidae Family Schistomatidae</b>
5 <sup>th</sup> week		<b>Cestoidea Class</b>	3	2
6 <sup>th</sup> week	3		2	<b>Family Taeniidae Family Dilepididae Family Anoplocephalidae</b>
7 <sup>th</sup> week	3		2	<b>Family Davainiidae Family Hymenolepididae</b>
8 <sup>th</sup> week	<b>Nematodea Class</b>		3	2
9 <sup>th</sup> week		3	2	<b>Family Ascaridae Family Heterakidae Family Anisakidae</b>
10 <sup>th</sup> week		3	2	<b>Family Oxyuridae Family Rhabdidae Order Strongyloidae</b>
11 <sup>th</sup> week		3	2	<b>Order Aphasmidia Order spiruridae</b>
12 <sup>th</sup> week	<b>Clinical Parasitology</b>	3	2	<b>Methodes of clinical examination</b>

d5- use computer and internet to extract information and knowledge.

### **4 - Teaching and Learning Methods**

4.1- Lecturing

4.2- Discussion sessions

4.3- Practical sessions to gain practical skills

**5- Teaching and Learning methods for Disables students:**

5.1- Office hours

**6- Teaching and Learning Methods for Distinguished students:**

6.1- Assessment of writing review paper to gain skills of self learning and presentation

6.2- Research assignment

**7- Student Assessment:**

7.1-Tools

Written exam (essay) to measure al-c6

Practical exam to measure cl - c4

Multiple choice exam to measure bl - b4, cl - c4 and dl- d5

7.2- Time Schedule

Midterm (multiple choice questions). Week 8

Final exam . Week 16

Practical exam. Week 14

Oral exam Week 16

7.3- Grading System

Mid-Term Exam. 20%

Final Term Exam 50%

Oral Exam. 20%

Practical Exam 10%

**8- List of References**

8.1- Course Notes

Department course notes (lectures and practical)

8.2- Required Books (Text Books) None

### 8.3- Recommended Books

8.3.1-Veterinary Helminthology by Angus M.Dunn

8.3.2-Parasitology of Veterinarians by Jay George

8.3.3- Heminthes, Arthropods and Porotozoa Domesticated Animals by J.L. Soulsby.

8.3.4- Diagnostic Veterinary Parasitology by Charles M. Hendrix

8.3.5-Notes Book for students Veterinary Parasitology

8.4- Periodicals, Web Sites, ... etc [www.pubmed.com](http://www.pubmed.com)

### **9- Facilities Required for Teaching and Learning :**

-Providing class rooms with multimedia system.

- Providing class rooms with Modern dissecting microscopy

-Availability for field studies and some facilities to make it for collecting specimens.

-Arranging for some visits for modern instruments used in biology like electron microscopy

-Availability of computers for students to communicate with www and providing them with electronic library

**Course Coordinator (Course Professor):** Prof. Dr. Mahmoud EL-seify -  
Dr. Asmaa Mohamed Metwally

**Head of Department:**

Date: / /