



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, 2nd semester

A- Basic Information

Title: Veterinary parasitology Code: 323

Year/Level: 3rd year

Units/Credit hours: Lecture 3 Tutorial/Pract 2 Total 5

B- Professional Information:

1 - Aims:

After completion of this course, the students:

1- Describe and identify methods of parasitological examination.

2- To know types of protozoa.

3- The students will be able to determine parasitological veterinary Diseases.

4- 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 phylum Protozoa

a2- about phylum Veterinary Entomology

a3- 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- 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.

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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.

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

3- Contents :

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

1 st week	Protozoa	3	2	Introduction of Protozoa classification of Protozoa
2 nd week		3	2	Class Sarcodina (Entamoeba) Class Mastigophora (Histomonas meleagrids ,Giardia) Family: Trichomonadidae (Trichomonas)
3 rd week		3	2	Family: Trypanosomatidae (Leishmania , Trypanosoma)
4 th week		3	2	Apicomplexa Class Sporozoa Family: Eimeriidae (Eimeria ,Isospora) Family: Cryptosporidiidae (Cryptosporidium)
5 th week		3	2	Family: Sarcocystidae (Toxoplasma,Sarcocyst , Besontia and Hammomdia) Class Ciliata (Balantidium)
6 th week		3	2	Class Haemosporidia (Plasmodium ,Haemoproteus) Class Piroplasmidia (Babesia , Theileria ,Babesosoma)
7 th week	Entomology	3	2	Introduction of Entomology classification of Entomology Family:Culicidae
8 th week		3	2	Family:Psychodidae (Sand fly) Family:Simulidae (Simulium) Family:Ceratopogonidae (Culicoides) Family :Tabanidae (Tabanus ,Chrysops)
9 th week		3	2	Order Cyclorrhapha Myiasis
10 th week		3	2	Order Siphonaptera (fleas) Order Hemiptera (bugs) Order Phthiraptera (lice)
11 th week		3	2	Class Arachnida (Ticks & mites) Class Crustacea (Cyclops)
12 th week			3	

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

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: / /