



Course Descriptor VTMD312 Veterinary Parasitology

Proposed Academic Year	2021 - 22	Last Reviewed Academic Year	
Course Code	VTMD312	Course Title	Veterinary Parasitology
Credit hours	3	Level of study	Undergraduate
College / Centre	CAHS	Department	VTMD
Co-requisites	VTMD382	Pre-requisites	BIOL101

1. COURSE OUTLINE

The course will give the students methods of parasites classification according to their order, family, genus and species. Also familiarized the students with methods of parasite classification & identification.

2. AIMS

This course aims to provide the students with a systematic understanding of various parasites affecting different animal species. It also aims at developing skills in identifying the different types of parasites that causing diseases in different animal species, their method of transmission and life cycles. Also, the course will introduce students to methods of treatment, prevention and control of parasitic disease.

3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)
Upon successful completion of this course, students will be able to:		
1. Identify different types of parasites that affect the domestic animals.	Power point presentations, lab work, discussion	Work sheets and Quizzes
2. Describe the symptoms developed due to the infection of parasites.	Power point presentations, lab work, discussion	Work sheets and written examinations
3. Establish the relationship between mode of infestation and organs affected.	Power point presentations, lab work, discussion	Work sheets and written examinations
4. Develop specific strategies for treatment, prevention & controlling parasitic infestation.	Power point presentations, lab work, discussion	Work sheets and written examinations

4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Assignment	20%



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Quizzes	20%
Mid-term Examination	20%
Final Examination	40%
TOTAL	100%

5. ACHIEVING A PASS

Students will achieve **3** credit hours for this course by passing **ALL** of the course assessments [*Quizzes, Mid-term, Final Examinations**] and achieving a **minimum overall score of 50%**

NB *Ensure that ALL learning outcomes are taken into account

6. COURSE CONTENT (Indicative)

Veterinary Helminthology	
Veterinary Protozoology	
Veterinary Entomology	
Antiparasitics	
The Epidemiology of Parasitic Diseases	
Host Resistance to Parasitic Diseases	
Parasites of Cattle	
Parasites of Sheep and goat	
Parasites of Horse	
Parasites of Camel	
Parasites of Dog and cat	
Parasites of poultry	
Facultative Ectoparasites and Arthropod Vectors	
TOTAL HOURS	45
Plus RECOMMENDED INDEPENDENT STUDY HOURS	15
TOTAL COURSE HOURS	60

7. RECOMMENDED REFERENCES

Core text/s:

- E.J. Soulsby (Editor): Helminthes, Arthropods and Protozoa of Domesticated Animals, Bailliere Tindall, London.
- B.B. Bhatia, K.M. Pathak, D.P. Banerjee (Editors): Textbook of Veterinary Parasitology, 2nd Ed. Xpress Graphics, Delhi, India. (2006).

Library + online resources:

Open Educational Resources: