



Course Descriptor VTMD382 Veterinary Parasitology Lab

Proposed Academic Year	2021 - 22	Last Reviewed Academic Year	
Course Code	VTMD382	Course Title	Veterinary Parasitology Lab
Credit hours	1	Level of study	Undergraduate
College / Centre	CAHS	Department	VTMD
Co-requisites	VTMD312	Pre-requisites	BIOL181

1. COURSE OUTLINE

The course cover topics on laboratory diagnosis of different types of parasites include protozoa, helminths and arthropods that affect various types of animal species. The course also includes doing fecal egg count, parasite larval culture and sedimentation tests.

2. AIMS

This course aim to give the students a practical knowledge on the identification of parasites and their eggs of veterinary importance.

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. Apply their academic information in a professional way in collecting samples and parasite identification.	Lectures and lab experiments	Exams quizzes Reports
2. Demonstrate the use of different laboratory tests to identify parasites.	Lectures and lab experiments	Exams quizzes Reports
3. Determine the best treatment for the parasites.	Lectures and lab experiments	Exams Quizzes Reports
4. Apply their academic information in a professional way in collecting samples and parasite identification.	Lectures and lab experiments	Exams quizzes Reports

4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Assignment	20%
Lab reports	20%
Mid-term Examination	20%
Final Examination	40%
TOTAL	100%

5. ACHIEVING A PASS



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Students will achieve **1** credit hours for this course by passing **ALL** of the course assessments [*Lab reports, 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	
TOTAL HOURS	45
Plus RECOMMENDED INDEPENDENT STUDY HOURS	12
TOTAL COURSE HOURS	57

7. RECOMMENDED REFERENCES

Core text/s:

- A Zajac Gary A Conboy (Editors); Veterinary clinical parasitology, 8th ed, Wiley-Blackwell. Wiley Publishing (2012)
- Bowman 9Editor): Georgi's Parasitology for Veterinarians 10thed, E-Book and Paper. Saunder's Publishing (2014).

Library + online resources:

Open Educational Resources: