

**Course Objectives:**

The objectives of the course are:-

1. Describe general principles and concepts of animal parasitology
2. Classify major animal parasites of animals.
3. Describe many of the disease conditions that animal parasite cause and to consider measures that may lead to control of these disease agents

**Course Learning Outcomes:**

Upon successful completion of the course, the student will be able to:

1. Assess general principles and concepts of animal parasitology
2. Analyze many of the disease conditions that animal parasite cause and to consider measures that may lead to control of these disease agents

**Course Contents:**

Systematics, biology, pathology, host parasite relationships and control of parasitic Helminths with particular reference to Helminths of Medical and Veterinary importance.

**Teaching-Learning Strategies**

Teaching will be a combination of class lectures, class discussions, and group work. Short videos /films will be shown on occasion.

**Assignments**

The sessional work will be a combination of written assignments, class quizzes, presentation, and class participation/attendance.

**Assessments and Examination**

Sessional Work:	25 marks
Midterm Exam:	35 marks
Final term Exam:	40 marks

**Books Recommended:**

1. Noble and Noble, 1982. Parasitology. The Biology of animal parasites. 5<sup>th</sup> Ed.. Lea and Febiger.
2. Beck, J.W. and Davies, J.E., 1981. Medical parasitology. 3<sup>rd</sup> Ed.. The C.V. Mosby Company, Toronto, London.
3. Cheesbrough, M., 1987. Medical Laboratory Manual for Tropical Medicine. Vol.I. University Press Cambridge.
4. Smyth, J.D., 2021 Introduction to Animal Parasitology. Cambridge University Press.
5. Roberts, L.S. and Janovy, J. Jr., 2013. Foundations of Parasitology. 9<sup>th</sup> Ed. Wm Brown Publishers, Chicago, London, Tokyo, Toronto.
6. Urquhart, G.M., Hucan, J.L., Dunn, A.M. and Jennings, F.W., 2000. Veterinary Parasitology. Longman Scientific and Technical publications, Longman Group, U.K.

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**Course Contents:**

Methods of collection, preservation and transportation of parasitic material. Qualitative and quantitative faecal examination for helminth ova.

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