

Course Objectives:

The objectives of the course are:-

1. Describe general principles and concepts of animal parasitology
2. Classify major animal parasites of animals and humans.
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:

Principles of Parasitology. Various concepts of Parasitism. Systematics, biology, pathology and control of protozoan and helminth parasites of medical and veterinary importance. Ecology of parasites. Host-parasite relationship. Parasitic zoonoses. Immunity and resistance.

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. 5th Ed.. Lea and Febiger.
2. Beck, J.W. and Davies, J.E., 1981. Medical parasitology. 3rd 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., 1994. Introduction to Animal Parasitology. Cambridge University Press.
5. Roberts, L.S. and Janovy, J. Jr., 2001. Foundations of Parasitology. 5th Ed.. Wm Brown Publishers, Chicago, London, Tokyo, Toronto.

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Course Contents:

Preparation of temporary and permanent slides and identification of parasitic protozoan and local helminthes of medical and veterinary importance. Section cutting of the infected tissues and the study of their pathology.

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