

## COURSE DESCRIPTION

**Veterinary Parasitology VMP 930 covers the diagnosis, treatment and control of major endo and ecto parasites of domesticated animals.** The course is composed of lectures and laboratories that present information on parasite morphology and life cycle, host pathology, epidemiology of infections, and treatment and control of infections. Lectures offer this information in didactic and discussion formats; whereas laboratories offer much of the same material with additional opportunities for hands-on learning and acquiring technical skills required for diagnosis of metazoan and protozoan parasite infections.

### Course Objectives:

1. Students will be able to diagnose the major endo and ecto parasitic diseases of domesticated animals based upon clinical signs, history and identification of parasite species.
2. Students will be able to treat and control the major endo and ecto parasites of domesticated animals based upon knowledge of life cycle and epidemiology of parasitic organisms, and therapeutic drug action.

1. Recommended textbook - Georgis' Parasitology for Veterinarians, tenth edition.
2. Recommended - Lecture and Laboratory Outlines written by the course instructors.
3. Course Website: <http://parasitology.cvm.ncsu.edu>  
**(NOTE: Other than for Grades; We do NOT use MOODLE !)**
4. Other website of interest: <http://www.heartwormsociety.org>

**Attendance:** The lecture outline will facilitate student participation in lecture discussions about how to solve practical problems of parasite control and to understand the significance of host-parasite interactions. It is important that all students attend lectures prepared to discuss the objectives listed for each lecture.

**Students with disabilities:** Reasonable accommodations will be made for students with registered verifiable disabilities. [http://www.ncsu.edu/provost/offices/affirm\\_action/dss/](http://www.ncsu.edu/provost/offices/affirm_action/dss/)

**Examinations:** Missed tests or quizzes will result in zero points for that exam. The possibility for makeup exams will be at the discretion of the instructor\* giving the exam. Any makeup exam will be different from the missed exam. Students are expected to comply with the Code of Conduct. **\* It is the policy of this course that a student must acquire an excused absence from the Office of Academic Affairs before a makeup exam may be considered.**

*Two hourly lecture exams* will each be worth 20% of the course grade.

The *cumulative lecture final exam* is worth 40%.

There will be *two laboratory practical exams* based on specimen identification and diagnostics:

1<sup>st</sup> Lab exam (Platyhelminthes & Arthropods) will be worth 5%, while the 2<sup>nd</sup> Lab exam (cumulative) will be worth 15%.

**For study purposes, the use of old exams is allowed in this course.**

**Grading:** A 9-point scale will be used to assign letter grades. If the class average for a particular exam is below 70, then an adjustment will be made to all grades. Otherwise the grades for an exam will not be adjusted.

**Instructors: Office hours by arrangement.**

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