

ANSC 453: Animal Diseases and their Control
3 Credit Lecture Course

Sample Syllabus - Subject to Change by Instructor

Required Textbook: None

Prerequisites: ANSC 200 (or concurrent); BIOL 171/L or ZOO 101/L, or instructor consent

Course Objectives:

To learn the basic principles of disease, causes of diseases, and principles of diagnosing, treating, and controlling diseases in animals. Diseases of domestic animals including companion animals, livestock, poultry, and aquacultured animals will be covered in this course.

Course Description:

The course is 3 credits, with two (2) lectures each week.

Grading Scale:

A+	100-97.5	C+	77.4-75.0
A	97.4-90.0	C	74.9-70.0
A-	89.9-87.5	C-	69.9-67.5
B+	87.4-85.0	D+	67.4-65.0
B	84.9-80.0	D	64.9-60.0
B-	79.9-77.5	D-	59.9-57.5
		F	57.4 or less

Exams and Final:

There will be 2 cumulative midterms (25% each) and a cumulative final (35%). A written assignment (15%)

Attendance:

Attendance will count for 5% of the grade, and WILL be formally recorded. Students must contact the instructor if they would like credit for any planned or unplanned absence. No exam may be made up for unexcused absences without prior notification. It is the instructor's discretion to excuse any absences.

Academic Dishonesty:

Academic Dishonesty is a violation of the Student Conduct Code. From the UH Student Sanctions can include the following:

1. Written Reprimand
2. Probation
3. Loss of Priviledges
4. Other Sanctions
5. Suspension
6. Dismissal

7. Revocation of Admission and/or Degree

8. Withholding Degree

Fees: none

Tentative Course Outline:

- Lecture 1 Basic Concepts of Disease
- Lecture 2 Immune System
- Lecture 3 Tests for Disease
- Lecture 4 Bacterial/viral
- Lecture 5 Parasitic
- Lecture 6 Nutrititious, Metabolic, Toxic
- Lecture 7 Neoplastic
- Lecture 8 Biosecurity
- Lecture 9 Control of Diseases
- Lecture 10 Epidemiology
- Lecture 11 Antibiotics
- Lecture 12 Dog/Cats
- Lecture 13 Dog/Cats
- Lecture 14 Swine
- Lecture 15 Swine
- Lecture 16 Horses
- Lecture 17 Horses
- Lecture 18 Cattle
- Lecture 19 Cattle
- Lecture 20 Small Ruminants
- Lecture 21 Avian
- Lecture 22 Poultry
- Lecture 23 Pet Birds
- Lecture 24 Reptiles/Amphibians
- Lecture 25 Invertebrates/Fish
- Lecture 26 Regulatory Diseases
- Lecture 27 Zoonotic Diseases
- Lecture 28 Pocket Pets
- Lecture 29 POMR/SOAP