



WOLLO UNIVERSITY

SCHOOL OF VETERINARY MEDICINE

Department	
Program	Doctor of Veterinary Medicine (DVM)
Module title	Veterinary General Medicine and Clinical Diagnosis
Module code	Vetm-M3131
Course title	Veterinary General Medicine
Course code	Vetm3132
Instructor's name and contact information	Name: Dr. Kassahun Tadesse and Dr.Meselu Ahmed Office:- In front of dean office Phone: +251914655685 Email: kastade95@gmail.com Office hrs: Thursday and Friday (8:00-11:00 Local time)
Course information	Year: III Semester: II Meeting day: Thursday and Friday Meeting time: (2:15-4:00 local time)
Course credit	7ECTS/4CrHr
Course description	General systemic states: toxemia, septicemia, bacteremia, fever, hyperthermia, hypothermia, heat stroke, dehydration, electrolytes and acid-base imbalances, allergies. Diseases of alimentary system: stomatitis, pharyngitis, esophageal disorders, simple indigestion, ruminal acidosis and alkalosis, ruminal tympany, traumatic reticuloperitonitis/ pericarditis, impaction of abomasum, neonatal infections, enteritis, equine colic, gastritis and principle of GIT treatment. Hepatobiliary System:Hepatitis, jaundice and cholelithiasis. Cardiovascular system: arrhythmias, myocarditis, endocarditis, valvular heart disease, circulatory failure, thrombosis and embolism, congenital cardiac defects and shock, edema. Hematopoietic and hemolymphatic system: anemia, leukemia,leucopenia. Respiratory system: pneumonia, bronchitis and pleurisy. Diseases of the urinary, nervous and musculoskeletal systems.
Course objectives	At the end of the course students should be: • Familiar with the commonly used clinical instruments and drugs; • Equipped with methods of clinical examinations and diagnosis on sick animals; • Able to recognize the syndromes common to all diseases affecting all body systems; and • Able to understand and appreciate the harmful microbial, genetic and environmental • influences on animal health and production



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Prerequisite	Vet Parasitology I&II, Vet Microbiology I &II, Vet Pathology I&II, Vet Pharmacology and therapeutics I&II and Vet Clinical diagnosis				
Mode of delivery	Semester based/parallel				
Status of the course	Core				
Expectation	Students are expected to: • Come to class prepared with appropriate materials • Complete reading assignments and other activities on time • Work hard individually to meet the requirement of the course • Use their time for group work and home study effectively • Make active participation during discussions (must participate in class) • Give constructive feedback to partners/group members and to listen to their comments • Attend 100% of all scheduled classes and other activities. • Be punctual at all sessions.				
Learning teaching methods	➤ Lecture, ➤ Group presentation, ➤ Individual reading assignments, ➤ Presentation and discussions				
Assessment methods	Continuous assessment: 50% ➤ Quizzes/tests ➤ Assignments (individual and group) ➤ Presentations Final examination: 50%				
Students' work load	ECTS	Lecture	Lab/practical	Private study	Total
	7	64	0	125	189
Policy	As per the University's legislation				



Week	Activities and hours required	Topics to be covered
I to IV	6 hrs lecture 3 hrs group presentation 3 hrs discussion	Chapter I General systemic states A. Toxemia B. Hyperthermia, Hypothermia, Fever C. Septicemia, Viremia, Localized infection and pain D. Disturbance of fluid and electrolyte imbalance E. Allergy/Hypersensitivity
V	2 hrs lecture 1 hr group presentation 1 hr discussion	Chapter II A. Diseases of the new born Neonatal infection B. Practical antimicrobial therapeutics Antimicrobial drugs
VI to IX	5 hrs lecture 4 hrs group presentation 3 hrs discussion	Chapter III Diseases of the alimentary tract A. Stomatitis, Pharyngitis, Esophagitis and Esophageal obstruction B. Hypermotility and Hypomotility C. Simple indigestion D. Acute carbohydrate engorgement E. Distention, Ruminal Tympani F. Enteritis, Diarrhea and Vomiting G. Equine colic H. Acute intestinal obstruction Chapter IV Principles of treatment of the GIT diseases 1.Fluid and electrolyte therapy 2.Relief of distension 3.Restoration Rumen flora and correction of Acidosis and Alkalosis
X & XI	3 hrs lecture 3 hrs group presentation 3 hrs discussion	Chapter V Diseases of the cardiovascular system A. Principle of circulatory failure B. Manifestation of circulatory failure C. Pericarditis /TRP D. Arterial thrombosis



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XII & XIII	3 hrs lecture 2 hrs group presentation 2 hr discussion	Diseases of the Blood and Blood Forming Organs A. Shock B. Edema C. Anemia Chapter VI Diseases of the respiratory system A. Pneumonia B. Pneumothorax / Empheyma C. Pleurisy Disease of the Urinary system A. Renal ischemia B. Nephritis C. Cystitis D. Urolithiasis
XIV	2 hrs lecture 1 hr group presentation 1 hr discussion	Chapter VII Diseases of the Nervous system A Manifestation of disease of nerves system B. Encephalitis C. Encephalomalacia D. Meningitis
XV-XVI	2 hrs lecture 1 hr group presentation 1 hr discussion	Chapter VIII Disease of the Musculo-skeletal system A. Myopathy B. Myositis C. Arthritis and synovitis Diseases of the skin and conjunctiva A. Photosensitization B. Dermatitis C. Ocular disease Final examination