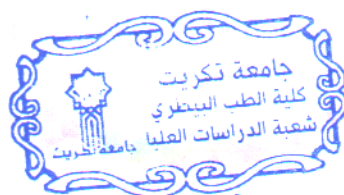


1- MSc degree in clinical pathology

No.	subject	Text book	Sub-subject
1	Clinical pathology	1- Veterinary laboratory medicine	Blood compositions and functions
			Hematopoiesis and Hemoglobin structure
			Blood disease Hemostasis
		2- Text book of medical physiology (Guyton)	Liver and kidney functions tests
			Methods of parasite diagnosis
			Rumen fluid examination
			Milk examination
2	Infectious disease	- Veterinary medicine A textbook of disease of cattle,horses, sheep, pigs and Gouts	Disease associated with bacteria
			Disease associated with virus and chlamydia
			Disease associated with rickettsia
			Disease associated with algae and fungi
			Disease associated with protozoa
			Disease associated with helminthes parasites
			Disease associated with arthropods parasites
3	Microbiology	- Veterinary microbiology and microbial disease	A brief history of animal virology, characteristics of viruses , viral morphology
			Viral taxonomy and virus replication
			Anti- viral immunity and virus vaccines
			Laboratory diagnosis of bacterial causes of abortion (brucella, salmonella , campylobacter and clostridium



2- MSc degree in Microbiology

No.	Subject	Textbook	Sub-subject
1	Immunology	Medical microbiology , Jawetz , 2010 (chapter 8	Antigens
			Antibody
			The complex system
			Hyper sensitivity
2	Bacteriology	Medical microbiology , Jawetz , 2010 (chapter 2,4,16	Cell wall
			Cell membrane
			Enteric gram negative rods enterobacteriaceae
			Staphylococci
3	Virology	Medical microbiology , Jawetz , 2010 (chapter 29	General properties of viruses
			Antiviral drug and vaccination
			Replication of viruses
			Interferon
4	Mycology	Medical microbiology , Jawetz , 2010 (chapter 45	General properties and classification of fungi
			Growth and isolation of fungi
5	Parasitology	Medical microbiology , Jawetz , 2010 (chapter 46	Classification of parasites
			Giardia lamblia
			Plasmodium
			Trypanosoma

