

Level-1, Semester-I			
Course Code	Course Title	Credits	Contact hours
PRC-1101	Gross Anatomy (Theory)	3	3
PRC-1102	Gross Anatomy (Practical)	1	2
PRC-1103	Histology (Theory)	3	3
PRC-1104	Histology (Practical)	1	2
APR-1101	General Animal Science (Theory)	2	2
APR-1102	General Animal Science (Practical)	1	2
PRC-1105	Biochemistry (Theory)	3	3
PRC-1106	Biochemistry (Practical)	1	2
RSC-1109	Rural Sociology (Theory)	2	2
Total		17	21

Level-1, Semester-II			
Course Code	Course Title	Credits	Contact hours
PRC-1207	Aquatic and Avian Anatomy (Theory)	1	1
PRC-1208	Aquatic and Avian Anatomy (Practical)	1	2
PRC-1209	Embryology (Theory)	1	1
PRC-1210	Embryology (Practical)	1	2
PCL-1201	General Microbiology (Theory)	2	2
PCL-1202	General Microbiology (Practical)	1	2
APR-1203	Livestock Management (Theory)	2	2
APR-1204	Livestock Management (Practical)	1	2
APR-1205	Fodder Production (Theory)	1	1
APR-1206	Fodder Production (Practical)	1	2
APR-1207	Poultry Science (Theory)	2	2
APR-1208	Poultry Science (Practical)	1	2
Total		15	21

Level-2, Semester-I			
Course Code	Course Title	Credits	Contact hours
PCL-2101	Biosafety and Hygiene (Theory)	2	2
PCL-2102	Biosafety and Hygiene (Practical)	1	2
PCL-2103	General Pathology and Oncology (Theory)	2	2
PCL-2104	General Pathology and Oncology (Practical)	1	2
PCL-2105	General Parasitology & Malacology (Theory)	2	2
PCL-2106	General Parasitology & Malacology (Practical)	1	2
PRC-2101	General Physiology (Theory)	2	2
PRC-2102	General Physiology (Practical)	1	2
APR-2101	Animal Nutrition (Theory)	2	2
APR-2102	Animal Nutrition (Practical)	1	2
APR-2103	Animal Production (Theory)	2	2
APR-2104	Animal Production (Practical)	1	2
BST-2101	Biostatistics (Theory)	2	2

BST-2102	Biostatistics (Practical)	1	2
	Total	21	28

Level-2, Semester-II			
Course Code	Course Title	Credits	Contact hours
PCL-2207	Bacteriology (Theory)	3	3
PCL-2208	Bacteriology (Practical)	1	2
PCL-2209	Systemic Pathology (Theory)	2	2
PCL-2210	Systemic Pathology (Practical)	1	2
PCL-2211	Nemathelminthes & Platyhelminthes (Theory)	2	2
PCL-2212	Nemathelminthes & Platyhelminthes (Practical)	1	2
PRC-2203	Systemic Physiology (Theory)	2	2
PRC-2204	Systemic Physiology (Practical)	1	2
PCL-2213	General Pharmacology (Theory)	2	2
PCL-2214	General Pharmacology (Practical)	1	2
APR-2205	Aquatic and Poultry Nutrition (Theory)	1	1
APR-2206	Aquatic and Poultry Nutrition (Practical)	1	2
APR-2207	Poultry Production and Management (Theory)	2	2
APR-2208	Poultry Production and Management (Practical)	1	2
	Total	21	28

Level-3, Semester-I			
Course Code	Course Title	Credits	Contact hours
PCL-3101	Virology (Theory)	3	3
PCL-3102	Virology (Practical)	1	2
PCL-3103	Pathology of Infectious Diseases (Theory)	2	2
PCL-3104	Pathology of Infectious Diseases (Practical)	1	2
PCL-3105	Entomology (Theory)	2	2
PCL-3106	Entomology (Practical)	1	2
PRC-3101	Aquatic and Integral Physiology (Theory)	1	1
PRC-3102	Aquatic and Integral Physiology (Practical)	1	2
APR-3101	Dairy Science (Theory)	2	2
APR-3102	Dairy Science (Practical)	1	2
APR-3103	Hatchery Operation and Management (Theory)	1	1
APR-3104	Hatchery Operation and Management (Practical)	1	2
APR-3105	Genetics (Theory)	2	2
APR-3106	Genetics (Practical)	1	2
	Total	20	27

Level-3, Semester-II			
Course Code	Course Title	Credits	Contact hours
PRC-3204	Comparative and Neuro-Anatomy (Practical)	1	2
PCL-3207	Immunology, Serology and Molecular Techniques (Theory)	2	2
PCL-3208	Immunology, Serology and Molecular Techniques (Practical)	1	2
PCL-3209	Aquatic and Avian Pathology (Theory)	1	1
PCL-3210	Aquatic and Avian Pathology (Practical)	1	2
PCL-3211	Protozoology (Theory)	2	2
PCL-3212	Protozoology (Practical)	1	2
PCL-3213	Systemic Pharmacology (Theory)	2	2
PCL-3214	Systemic Pharmacology (Practical)	1	2
PCL-3215	Toxicology (Theory)	2	2
PCL-3216	Toxicology (Practical)	1	2
CLI-3201	General Medicine (Theory)	2	2
CLI-3202	General Medicine (Practical)	1	2
APR-3207	Animal Byproducts & Waste Management (Theory)	1	1
APR-3208	Animal Byproducts & Waste Management (Practical)	1	2
APR-3209	Dairy Products Technology (Theory)	1	1
APR-3210	Dairy Products Technology (Practical)	1	2
	Total	22	31
Level-4, Semester-I			
Course Code	Course Title	Credits	Contact hours
PRC-4102	Topographic and Surgical Anatomy (Practical)	1	2
PCL-4102	Therapeutics and Pharmacy (Practical)	1	2
CLI-4101	Farm Animal Medicine (Theory)	2	2
CLI-4102	Farm Animal Medicine (Practical)	1	2
CLI-4103	Small Animal Medicine (Theory)	2	2
CLI-4104	Small Animal Medicine (Practical)	1	2
CLI-4105	Aquatic and Avian Medicine (Theory)	2	2
CLI-4106	Aquatic and Avian Medicine (Practical)	1	2
CLI-4107	General Surgery (Theory)	2	2
CLI-4108	General Surgery (Practical)	1	2
CLI-4109	Anesthesiology (Theory)	1	1
CLI-4110	Anesthesiology (Practical)	1	2
APR-4101	Breeding (Theory)	2	2
APR-4102	Breeding (Practical)	1	2
LEC-4101	Livestock Economics (Theory)	1	1
	Total	20	28

Level-4, Semester-II

Course Code	Course Title	Credits	Contact hours
PCL-4203	Public Health & Ecosystem (Theory)	2	2
PCL-4206	Clinical Pathology and Necropsy (Practical)	1	2
CLI-4211	Zoo & Wild Animal Medicine (Theory)	1	1
CLI-4212	Zoo & Wild Animal Medicine (Practical)	1	2
CLI-4213	Preventive and Metabolic Diseases (Theory)	3	3
CLI-4215	Herd Health Management (Theory)	1	1
CLI-4218	Herd Health Management (Practical)	1	2
CLI-4219	Gynecology and Reproductive Biotechnology (Theory)	2	2
CLI-4220	Gynecology and Reproductive Biotechnology (Practical)	1	2
CLI-4221	Small Animal Surgery (Theory)	1	1
CLI-4222	Small Animal Surgery (Practical)	1	2
AGE-4201	Livestock Extension (Theory)	1	1
AGE-4202	Livestock Extension (Practical)	1	2
ABM-4203	Agribusiness Management (Theory)	1	1
ABM-4204	Agribusiness Management (Practical)	1	2
APR-4203	Zoo and Aquatic Animal Management (Theory)	1	1
APR-4204	Zoo and Aquatic Animal Management (Practical)	1	2
	Total	21	29

Level-5, Semester-I			
Course Code	Course Title	Credits	Contact hours
PCL-5101	Food Hygiene and Dairy Microbiology (Theory)	3	3
PCL-5102	Food Hygiene and Dairy Microbiology (Practical)	1	2
CLI-5101	Farm Animal Surgery (Theory)	2	2
CLI-5102	Farm Animal Surgery (Practical)	1	2
CLI-5103	Radiology and Imaging (Theory)	1	1
CLI-5104	Radiology and Imaging (Practical)	1	2
CLI-5105	Jurisprudence and Ethics (Theory)	1	1
CLI-5108	Soundness & Certificate Writing (Practical)	1	2
CLI-5110	Clinics Medicine (Practical)	1	2
CLI-5111	Animal Behavior & Welfare (Theory)	1	1
CLI-5114	Clinics Surgery (Practical)	1	2
CLI-5116	Clinics Theriogenology (Practical)	1	2
CLI-5117	Obstetrics (Theory)	2	2
CLI-5118	Obstetrics (Practical)	1	2
CLI-5119	Andrology & Artificial Insemination (Theory)	2	2
CLI-5120	Andrology & Artificial Insemination (Practical)	1	2
	Total	21	30
Level-5, Semester-II			

Internship Semester		
Sl.No.	Course Title	Credit Hours
1.	Specialized Veterinary Hospital	12
2.	Livestock and Poultry Farms	
3.	Zoological Garden	
4.	Vaccine Production Technology	
5.	Field Vaccination Campaign	
6.	Processing Industry of Livestock and Poultry	
7.	Slaughter Houses	

PRC=Pre-Clinical Courses, PCL=Para-clinical Courses, CLI=Clinical Courses, APR= Animal Production Courses