

M.V.Sc. Departmental Courses

VETERINARY ANATOMY AND HISTOLOGY

Departmental Courses		Credit Hours
VAN 601	Ruminant Anatomy	2+2
VAN 602	Equine Anatomy	2+2
VAN 603	Canine Anatomy	1+2
VAN 604	Avian Anatomy	1+1
VAN 605	Comparative Anatomy of Locomotive System	1+1
VAN 606	Comparative Anatomy of Digestive and Respiratory System	1+1
VAN 607	Comparative Anatomy of Uro-genital System	1+1
VAN 608	Veterinary Histology	2+2
VAN 609	Histology Of Digestive And Respiratory System	1+1
VAN 610	Histology Of Uro-Genital System	1+1
VAN 611	Developmental Anatomy	2+0
VAN 612	Endocrine Anatomy	1+1
VAN 799	M.Sc. Seminar	0+1
VAN 800	M.Sc. Thesis	0+15
VAN 899	Ph.D. Seminar	0+2
VAN 900	Ph.D. Dissertation	0+15

VETERINARY PHYSIOLOGY

Departmental Courses		Credit Hours
VPY 601	Physiology of digestion	2+1
VPY 602	Cardiovascular and respiratory physiology	2+1
VPY 603	Renal physiology and body fluid dynamics	2+1
VPY 604	Haematology	2+1
VPY 605	Vitamins and minerals in animal physiology	2+0
VPY 606	Physiology of animal reproduction	2+1
VPY 607	Clinical physiology	2+1
VPY 608	Neuromuscular physiology	2+1
VPY 609	Chemical bioregulation in physiological functions	3+0
VPY 610	Research techniques in veterinary physiology	0+2
VPY 611	Applied physiology of body fluids and electrolytes	2+1
VPY 612	Physiology of animal behaviour	2+0
VPY 613	Comparative physiology of ruminant digestion	2+1
VPY 614	Advances in neuro-endocrinology	2+1
VPY 615	Myophysiology and kinesiology	2+1
VPY 616	Physiology of lactation	2+1
VPY 617	Advances in environmental physiology and growth	2+1
VPY 618	Advances in rumen microbiology and metabolism 2	2+1
VPY 619	Advances in immunophysiology	2+1
VPY 620	Advances in rumen microbiology and metabolism 2	2+1
VPY 621	Advances in immunophysiology	2+1
VPY 621	Physiology of stress	2+1

VPY 621	Special problem	0+2
VPY 799	M.Sc. Seminar	0+1
VPY 800	M.Sc. Thesis	0+15
VPY 899	Ph.D. Seminar	0+2
VPY 900	Ph.D. Dissertation	0+15

VETERINARY MEDICINE

Departmental Courses	Credit Hours	
VMC 601	Disease of cattle, Horse, Sheep and Goat-I	2+1
VMC 602	Disease of cattle, Horse, Sheep and Goat-II	2+1
VMC 603	Metabolic Diseases of Cattle, Sheep and Goat	2+1
VMC 604	Diseases of Dog and Cat	2+1
VMC 605	Diseases of Swine	1+0
VMC 606	Infectious Diseases of Horse, Sheep and Goat-I	2+1
VMC 607	Infectious Diseases of Horse, Sheep and Goat-II	2+1
VMC 608	Poultry diseases	1+1
VMC 609	Diseases of Animals Caused by Toxicant	1+1
VMC 610	Wild life Medicine	2+1
VMC 611	Advanced Studies in Protozoan Diseases	1+1
VMC 612	Emergency Veterinary Medicine	2+1
VMC 699	M. Sc. Seminar	0+1
VMC 700	M. Sc. Thesis	15
VMC 899	Ph.D. Seminar	0+2
VMC 900	Ph.D. Dissertation	30

EPIDEMIOLOGY AND VETERINARY PUBLIC HEALTH

Departmental Courses	Credit Hours	
VPH 601	General Epidemiology	2+1
VPH 602	Introduction to Veterinary Public Health	2+1
VPH 603	Environmental Pollution & Safety	2+1
VPH 604	Food Hygiene and Toxicology	2+1
VPH 605	Occupational Health	1+0
VPH 606	Advanced Epidemiology	2+1
VPH 607	Biostatistical Methods for Public Health Practices	1+1
VPH 608	Viral Zoonoses, Recognition, Prevention and Control	1+1
VPH 609	Bacterial Zoonoses, Recognition, Prevention and Control	1+1
VPH 610	Parasitic Zoonoses, Recognition, Prevention and Control	1+1
VPH 611	Food Borne Infections and Intoxication, Prevention and Control	1+0
VPH 612	Herd Health Management and Biosecurity	2+1
VPH 613	Animal Health Economics	2+1
VPH 614	Organic Farming and Bio-products	1+0
VPH 615	Emerging and Re-Emerging Zoonoses	1+1
VPH 616	Veterinary Clinical Epidemiology	2+1
VPH 617	Ecology of Diseases	2+0
VPH 618	Quality Control of Foods of Animal Origin	1+1

VPH 619 Recent Concepts in Epidemiology & Disease Forecasting	2+1
VPH 620 Livestock and Poultry Disease Investigation	0+2
VPH 621 Survey, Surveillance and Data Management	2+1
VPH 622 Current Topics in Veterinary Public Health	2+0
VPH 623 Bioterrorism and Disaster Management	1+0
VPH 699 M. Sc. Seminar	0+1
VPH 700 M. Sc. Thesis	15
VPH 899 Ph.D. Seminar	0+2
VPH 900 Ph.D. Dissertation	30

VETERINARY MICROBIOLOGY

Departmental Courses	Credit Hours
VMI 601 General Veterinary Microbiology	2+1
VMI 602 Systematic Veterinary Bacteriology	2+1
VMI 603 Veterinary Mycology	2+1
VMI 604 General Virology	2+1
VMI 605 Systematic Animal Virology	3+0
VMI 606 Advanced Immunology	3+1
VMI 607 Vaccinology	2+1
VMI 608 Diagnostics of infectious diseases	2+0
VMI 609 Techniques in microbiology and immunology	0+2
VMI 610 Food Microbiology	0+3
VMI 611 Microbial Physiology	2+1
VMI 612 Avian Immunology	2+1
VMI 699 M. Sc. Seminar	0+1
VMI 700 M. Sc. Thesis	15
VMI 899 Ph.D. Seminar	0+2
VMI 900 Ph.D. Dissertation	30

VETERINARY PARASITOLOGY

Departmental Courses	Credit Hours
VPA 601 Platyhelminthes	3+1
VPA 602 Nematelminthes	3+1
VPA 603 Protozoology	2+1
VPA 604 Parasitological Techniques	0+3
VPA 605 Immunoparasitology	1+1
VPA 606 Entomology and Acarology	2+1
VPA 607 Parasitic Zoonosis	2+1
VPA 608 Clinical Parasitology	1+2
VPA 609 Poultry Parasitology	1+1
VPA 610 Fish Parasitology	1+1
VPA 699 M. Sc. Seminar	0+1
VPA 700 M. Sc. Thesis	15

VETERINARY PATHOLOGY

Departmental Courses	Credit Hours
VPP 601 Advanced general pathology	2+1
VPP 602 Advanced systemic pathology	2+1
VPP 603 Pathology of infectious diseases of domestic animals	2+1
VPP 604 Advanced clinical pathology	1+2
VPP 605 Avian pathology	2+1
VPP 606 Animal oncology	2+1
VPP 607 Technique in pathology	1+1
VPP 608 Pathology of nutritional and metabolic disturbances	2+1
VPP 609 Toxicopathology	2+1
VPP 610 Advances in diagnostic pathology	(2+0)
VPP 611 Descriptive Veterinary Pathology (anatomic pathology)	(0+3)
VPP 612 Systemic fish pathology	2+1
VPP 613 Necropsy procedures and interpretations	0+2
VPP 614 Special pathology	0+2
VPP 699 M. Sc. seminar	0+1
VPP 700 M. Sc. thesis	15
VPP 899 Ph.D. seminar	0+2
VPP 900 Ph.D. dissertation	30

VETERINARY PHARMACOLOGY AND TOXICOLOGY

Departmental Courses	Credit Hours
VPM 601 Molecular Pharmacology	2+1
VPM 602 Advanced Toxicology	2+1
VPM 603 Pharmacokinetics	2+1
VPM 604 CNS Pharmacology	2+1
VPM 605 Advanced Chemotherapy	2+1
VPM 606 Autonomic Pharmacology	1+1
VPM 607 Ethnopharmacology	2+1
VPM 608 Endocrine Pharmacology	2+0
VPM 609 Pharmacology of Autocoids	1+0
VPM 611 Cardiovascular and Renal Pharmacology	1+1
VPM 612 Pharmacology of Gastrointestinal Tract	1+0
VPM 613 Pharmacological technique and Pharmacometrics	1+2
VPM 614 Immunopharmacology	2+1
VPM 615 Nutritional Pharmacology	2+0
VPM 699 M. Sc. Seminar	0+1
VPM 700 M. Sc. Thesis	15
VPM 899 Ph.D. Seminar	0+2
VPM 900 Ph.D. Dissertation	30

VETERINARY SURGERY AND RADIOLOGY

Departmental Courses		Credit Hours
VSR 601	General Surgical Sciences	2+0
VSR 602	Small Animal Anaesthesia	2+1
VSR 603	Large Animal Anaesthesia	2+1
VSR 604	Diagnostic Imaging Techniques	2+1
VSR 605	Small Animal Soft Tissues Surgery	2+1
VSR 606	Large Animal Soft Tissues Surgery	2+1
VSR 607	Ophthalmology	1+1
VSR 608	Auricular Surgery and Dentistry	1+1
VSR 609	Orthopaedic and Limb Surgery	2+1
VSR 610	Gastrointestinal Surgery	2+1
VSR 611	Operation Theater and Intensive Care Techniques	1+1
VSR 612	Fluid Therapy and Blood Transfusion	1+1
VSR 613	Zoo, Wild and Laboratories Animal Anaesthesia	1+1
VSR 614	Lameness, Soundness and Shoeing in Animals	1+1
VSR 699	Seminar	0+1
VSR 800	M.V.Sc. Thesis	0+6
VSR 899	Ph.D. Seminar	0+2
VSR 900	Ph.D. Dissertation	0+15

VETERINARY GYNAECOLOGY AND OBSTETRICS

Departmental Courses		Credit Hours
VGO- 601	Advanced Gyanaecology	2+1
VGO- 602	Advanced Obstetrics	2+1
VGO- 603	Infertility in Domestic Animals	2+1
VGO- 604	Genital Diseases in Relation to AI	1+1
VGO- 605	Physiopathology of Reproduction in Domestic Animals	2+1
VGO- 606	Injuries and Disease in Relation to Parturition	2+1
VGO- 607	Gyanaecology and Obstetrics of Dog and Cat	2+1
VGO- 608	Embryo Transfer Technology	1+1
VGO- 609	Gynaecology of Sheep, Goat, Pig and Poultry	2+1
VGO-610	Advanced Study of Male and Female Infertility	2+1
VGO- 611	Reproductive Endocrinology	2+1
VGO- 612	Techniques in Andrology and Gynaecology	2+1
VGO- 799	M.Sc Seminar	0+1
VGO- 800	M.Sc Thesis	0+6
VGO- 899	Ph.D. Seminar	0+2
VGO- 900	Ph.D. Dissertation	0+15