

Division of Veterinary Physiology & Biochemistry

Ph.D Courses:

SEMESTER-I

Course No.	Course Title	Credit Hrs
Veterinary Physiology		
PHY 701	Applied Physiology of Body Fluids and Electrolytes	2+1
PHY 702	Physiology of Animal Behavior	2+0
PHY 706	Avian Physiology	2+1
PHY 708	Recent Trends in Environmental Physiology and Growth	2+1
PHY 709	Cellular and Molecular Physiology	2+0
PHY 711	Physiology of Stress	2+0
PHY 712	Recent Trends in Reproductive Physiology	2+1
PHY 713	Doctoral Seminar I	1+0
PHY 714	Doctoral Seminar II	1+0
Veterinary Biochemistry		
BCT 701	Applied Molecular Biochemistry and Systems Biology	2+1
BCT 702	Membrane Biochemistry	2+0
BCT 703	Recent trends in Enzymology	2+1
BCT 704	Diagnostic Techniques in Clinical Biochemistry	0+2
BCT 710	Immuno-Biochemistry	2+0
BCT 712	Doctoral Seminar I	1+0
BCT 713	Doctoral Seminar II	1+0

Ph.D Courses:

SEMESTER-II

Course No.	Course Title	Credit Hrs
Veterinary Physiology		
PHY 703	Recent Trends in Ruminant Digestion	2+1
PHY 704	Recent Trends in Neuroendocrinology	2+1
PHY 705	Myophysiology and Kinesiology	2+0
PHY 707	Physiology of Lactation	2+1
PHY 710	Recent Trends in Immuno-physiology	2+1
PHY 713	Doctoral Seminar I	1+0
PHY 714	Doctoral Seminar II	1+0
Veterinary Biochemistry		
BCT 705	Recent Trends in Biochemical Techniques and Instrumentation	2+1
BCT 706	Developmental Biochemistry	2+0
BCT 707	Bioinformatics Tools in Biochemistry	1+1
BCT 708	Environmental and Toxicological Biochemistry	2+0
BCT 709	Biochemistry of Diseases and Disorders	2+0
BCT 711	Special Problem	0+2
BCT 712	Doctoral Seminar I	1+0
BCT 713	Doctoral Seminar II	1+0