

## Division of Veterinary Physiology & Biochemistry

### M.V.Sc Courses:

#### SEMESTER-I

Course No.	Course Title	Credit Hrs
<b>Veterinary Physiology</b>		
PHY 601	Physiology of Digestion	2+1
PHY 602	Cardiovascular and Respiratory Physiology	2+1
PHY 604	Haematology	2+1
PHY 608	Neuromuscular Physiology	2+0
PHY 609	Endocrinology of Domestic Animals	2+0
PHY 612	Master's Seminar	1+0
<b>Veterinary Biochemistry</b>		
BCT 602	Biochemistry of Biomolecules	2+0
BCT 603	Enzymology	2+1
BCT 604	Analytical Techniques and Instrumentation in Biochemistry	1+1
BCT 606	Intermediary Metabolism and Regulation	3+0
BCT 607	Molecular Biochemistry	2+1
BCT 612	Master's Seminar	1+0

**M.V.Sc Courses:****SEMESTER-II**

<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hrs</b>
<b>Veterinary Physiology</b>		
PHY 603	Renal Physiology and Body Fluid Dynamics	2+1
PHY 605	Growth and Environmental Physiology	2+0
PHY 606	Physiology of Animal reproduction	2+1
PHY 607	Clinical physiology	1+1
PHY 610	Instrumentation and Research Techniques in Veterinary Physiology	0+2
PHY 611	Physiology of Wild Animals	1+0
PHY 612	Master's Seminar	1+0
<b>Veterinary Biochemistry</b>		
BCT 601	Biophysical Chemistry	2+0
BCT 605	Clinical Biochemistry of Animals	2+1
BCT 608	Nutritional and Industrial Biochemistry	2+0
BCT 609	Endocrinology and Reproductive Biochemistry	2+0
BCT 610	Biochemistry of Ruminants and Wild Animals	1+1
BCT 611	Introduction to Bioinformatics and Computational Biology	1+1
BCT 612	Master's Seminar	1+0