

MPHIL ROAD MAP PHYSIOLOGY
ROAD MAP ALIGNED WITH HEC GEP POLICY

Semester 1

Sr. No.	Pre- requisite Course Code	Course Code	Course Title	Credit Hours
1	Level 6 (MBBS/ BDS)	MED 701	Research Methodology	3+0
2		MED 712	Medical Biology & Genetics	2+0
3		MED 713	Medical Education, Ethics & Writing	2+0
4	Level 6 (BS or MSc Physiology)	MED 714	Instruments & Animal use in research	2 (1+1)
5		MED 715	Journal Club -I	No credit hour
6		MED 718	Teaching Internship -I	No credit hour
Total Credit Hours				9

Semester 2

Sr. No.	Pre- requisite Course Code	Course Code	Course Title	Credit Hours
1	Semester-I	PHY 760	General, Neuromuscular and Blood Physiology	3+0
2		PHY 761	Cardiorespiratory Physiology	3(2+1)
3	PHY 760 & 761	XXXXX	Elective –I	3+0
4	MED 715	MED 716	Journal Club- II	No credit hour
5	MED 718	MED 719	Teaching Internship- II	No credit hour
Total Credit Hours				9

Semester 3

Sr. No.	Pre- requisite Course Code	Course Code	Course Title	Credit Hours
1	PHY 760 & 761	XXXX	Elective-II	3+0
2		XXXXX	Elective-III	3+0
3	-	THS 799	Thesis-I	3+0
4	MED 716	MED 717	Journal Club-III	No credit hour
5	MED 719	MED 720	Teaching Internship- III	No credit hour
Total Credit Hours				9

Semester 4

Sr. No.	Pre- requisite Course Code	Course Code	Course Title	Credit Hours
1	THS 799	THS 799	THS 799	Thesis- II
Total Credit Hours				3

List of Elective Courses

Sr. No.	Pre- requisite Course Code	Course Code	Course Title	Credit Hours
1	PHY 760 & 761	PHY 762	Physiology of Health, Fitness & Exercise	3+0
2		PHY 763	Haeme & Immune system	3+0
3		PHY 764	Gastrointestinal Physiology	3+0
4		PHY 765	Neurophysiology and special Senses	3+0
5		PHY766	Renal Physiology	3+0
6		PHY 767	Endocrine and Reproductive Physiology	3+0
7		PHY 768	Electrophysiology	3 (1+2)