

MPHIL ROAD MAP PHARMACOLOGY
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		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	PHM 721	Pharmacological concepts & Adrenergic Pharmacology	3(2+1)
2		PHM 722	Cholinergic & Cardio-Respiratory Pharmacology	3+0
3	PHM 721 & 722	XXXXXX	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	PHM 721 & 722	XXXXXX	Elective-II	3+0
2		XXXXXX	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	PHM 721 & 722	MED 706	Tissue Processing	3 (1+2)
2		MED 707	Drug Bio-screening & Herbal Medications	3 (2+1)
3		PHM 723	Neuropharmacology	3+0
4		PHM 724	Endocrine & Gastrointestinal Pharmacology	3+0
5		PHM 725	Chemotherapy	3+0
6		PHM 726	Toxicology	3+0
7		PHM 727	Pharmacogenetics	3+0
8		PHM 728	Autacoids & Analgesics	3+0
9		PHM 729	Age Specific Pharmacology	3+0
10		PHM 730	Dental Pharmacology	3+0