Course Structure
M. Pharm
(Pharmacology)

Table-I: Course of study for M. Pharm (Pharmacology)

Course Code	Name of the course	Credit hours (Hrs/wk)	Credit points
Semester I			
MPH21101	Modern Pharmaceutical Analytical Techniques	4	4
MPL21101	Advanced Pharmacology – I	4	4
MPL21102	Pharmacological and Toxicological Screening Methods –I	4	4
MPL21103	Cellular and Molecular Pharmacology	4	4
MPL22104	Pharmacological Practical – I	12	6
MPH21203	Seminar/Assignment	7	4
Total		**35**	**26**
Semester II			
MPL21105	Advanced Pharmacology – II	4	4
MPL21106	Pharmacological and Toxicological Screening Methods – II	4	4
MPL21107	Principles of Drug Discovery	4	4
MPL21108	Clinical Research and Pharmacovigilance	4	4
MPL22109	Pharmacological Practical – II	12	6
MPH21204	Seminar/Assignment	7	4
Total		**35**	**26**

Table-II: Course of study for M. Pharm (All Specialization)

Course Code	Name of the course	Credit hours (Hrs/wk)	Credit points
Semester III			
MPH22101	Research Methodology and Biostatistics*	4	4
MPH22103	Journal club	1	1
MPH22105	Discussion/Presentation (Proposal Presentation)	2	2
MPH22201	Research Work	28	14
Total		**35**	**21**
Semester IV			
MPH22107	Journal club	1	1
MPH22109	Discussion/Presentation (Final Presentation)	3	3
MPH22203	Research Work and Colloquium	31	16
MPH22205	Co-Curricular Activities	--	3
Total		**35**	**23**

* Non University Exam

Table-III: Schemes for Internal Assessments and End Semester Examinations (Pharmacology)

Course code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
Semester I								
MPH21101	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hr	100
MPL21101	Advanced Pharmacology – I	10	15	1 Hr	25	75	3 Hr	100
MPL21102	Pharmacological and Toxicological Screening Methods –I	10	15	1 Hr	25	75	3 Hr	100
MPL21103	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hr	100
MPL22104	Pharmacological Practical – I	20	30	6 Hr	50	100	6 Hr	150
MPH21203	Seminar/Assignment	-	-	-	-	100	-	100
Total								650
Semester II								
MPL21105	Advanced Pharmacology – II	10	15	1 Hr	25	75	3 Hr	100
MPL21106	Pharmacological and Toxicological Screening Methods – II	10	15	1 Hr	25	75	3 Hr	100
MPL21107	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hr	100
MPL21108	Clinical Research and Pharmacovigilance	10	15	1 Hr	25	75	3 Hr	100
MPL22109	Pharmacological Practical – II	20	30	6 Hr	50	100	6 Hr	150
MPH21204	Seminar/Assignment	-	-	-	-	100	-	100
Total								650

Table-IV: Schemes for Internal Assessments and End Semester Examinations

Course code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
Semester III								
MPH22101	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hr	100
MPH22103	Journal club	-	-	-	25	-	-	25
MPH22105	Discussion/Presentation (Proposal Presentation)	-	-	-	50	-	-	50
MPH22201	Research Work	-	-	-	-	350	1 Hr	350
Total								525
Semester IV								
MPH22107	Journal club	-	-	-	25	-	-	25
MPH22109	Discussion/Presentation (Final Presentation)	-	-	-	75	-	-	75
MPH22203	Research Work and Colloquium	-	-	-	-	400	1 Hr	400
MPH22205	Co-Curricular Activities					75		75
Total								575

* Non University Examination

Internal Assessment: Continuous Mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as follows.

Scheme for awarding Internal Assessment: Continuous Mode

Criteria	Maximum Marks
Theory	
Attendance	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

Guidelines for allotment of Marks for Attendance

Percentage of Attendance	Theory	Practical
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	0	0