

## SCHEME OF STUDIES MPhil PHARMACOLOGY (MOLECULAR)

### 1<sup>st</sup> SEMESTER

Sr.	Course	CHs
1	Core course 1	3
2	Core course 2	3
3	Elective course 1	3
4	Elective course 2	3
	<b>Total</b>	<b>12</b>

### *List of Courses*

Sr.	Course Code	Course Title	CHs
<i>Core Courses</i>			
1.	PPMC 6113	Principles of Molecular Pharmacology	3
2.	PBCH 6053	Molecular Bioinformatics	3
3.	PBST 6012	Bio-statistics	3
4.	PRTM 6002	Research Methodology	3
<i>Elective Courses</i>			
5.	PBCH 6043	Cell Signaling	3
6.	PPMC 6103	Pharmacogenetics	3
7.	PPMC 6133	Modern Techniques in Basic Molecular Pharmacology	3
8.	PPMC 6123	Cancer Biology and Pharmacology	3
9.	PPMC 6143	ANS Pharmacology	3
10.	PPMC 6153	Kidney, CVS and Respiratory System Pharmacology	3

## 2<sup>nd</sup> SEMESTER

Sr.	Course	CHs
1	Core course 3	3
2	Core course 4	3
3	Elective course 3	3
4	Elective course 4	3
	<b>Total</b>	<b>12</b>

### *List of Courses*

Sr.	Course Code	Course Title	CHs
<i>Core Courses</i>			
1.	PPMC 6113	Principles of Molecular Pharmacology	3
2.	PBCH 6053	Molecular Bioinformatics	3
3.	PBST 6012	Biostatistics	3
4.	PRTM 6002	Research Methodology	3
<i>Elective Courses</i>			
5.	PBCH 6043	Cell Signaling	3
6.	PPMC 6103	Pharmacogenetics	3
7.	PPMC 6133	Modern Techniques in Basic Molecular Pharmacology	3
8.	PPMC 6123	Cancer Biology and Pharmacology	3
9.	PPMC 6143	ANS Pharmacology	3
10.	PPMC 6153	Kidney, CVS and Respiratory System Pharmacology	3

**3<sup>rd</sup> and 4<sup>th</sup> SEMESTER**

<b>Sr.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>CHs</b>
1	PPMC 7006	Synopsis and research work	6
2	PPMC 7016	Publication(s) and thesis	6
		<b>Total</b>	<b>12</b>