

**School of Pharmaceutical Sciences**

**B.Pharmacy Curriculum**

**B. Pharmacy Sem-I (For batch 2017-21)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Human Anatomy and Physiology I- Theory	BP101T	3+1+0	3
2	Pharmaceutical Analysis I – Theory	BP102T	3+1+0	1
3	Pharmaceutics I – Theory	BP103T	3+1+0	3
4	Pharmaceutical Inorganic Chemistry – Theory	BP104T	3+1+0	1
5	Communication skills – Theory	BP105T	2+0+0	3
6	Remedial Biology/Remedial Mathematics – Theory	BP106RBT/ BP106RMT	2+0+0	2
7	Human Anatomy and Physiology – Practical	BP107P	0+0+4	3
8	Pharmaceutical Analysis I – Practical	BP108P	0+0+4	3
9	Pharmaceutics I – Practical	BP109P	0+0+4	2
10	Pharmaceutical Inorganic Chemistry – Practical	BP110P	0+0+4	
11	Communication skills – Practical	BP111P	0+0+2	
12	Remedial Biology – Practical	BP112RBP	0+0+2	1
	<b>Total</b>		<b>36/38<sup>s</sup>/40<sup>e</sup></b>	<b>27/29<sup>s</sup>/30<sup>e</sup></b>

#Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

\$Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial

**B. Pharmacy Sem-II (For batch 2017-21)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Human Anatomy and Physiology II – Theory	BP201T	3+1+0	4
2	Pharmaceutical Organic Chemistry I – Theory	BP202T	3+1+0	4
3	Biochemistry – Theory	BP203T	3+1+0	4
4	Pathophysiology – Theory	BP204T	3+1+0	4
5	Computer Applications in Pharmacy – Theory *	BP205T	3+0+0	3
6	Environmental sciences – Theory *	BP206T	3+0+0	3
7	Human Anatomy and Physiology II –Practical	BP207P	0+0+4	2
8	Pharmaceutical Organic Chemistry I– Practical	BP208P	0+0+4	2
9	Biochemistry – Practical	BP209P	0+0+4	2
10	Computer Applications in Pharmacy – Practical*	BP210P	0+0+2	1
	<b>Total</b>		<b>36</b>	<b>29</b>

**B. Pharmacy Sem-III (For batch 2016-20)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Pharmacognosy-I	PHR-PG-231	3+0+0	3
2	Pharmacognosy Practical+Tutorial	PHR-PG-231(P)	0+1+2	2
3	Organic Chemistry-II	PHR-PC-232	3+0+0	3
4	Organic Chemistry-II Practical+Tutorial	PHR-PC-232(P)	0+1+3	2
5	Pharmaceutical Analysis-I	PHR-PC-233	3+0+0	3
6	Pharmaceutical Analysis-I Practical+Tutorial	PHR-PC-233(P)	0+1+3	2
7	Pharmaceutical Unit Operation-I	PHR-PT-234	3+0+0	3
8	Pharmaceutical Unit Operation-I Practical+Tutorial	PHR-PT-234(P)	0+1+2	2
9	APHE and Pathophysiology II	PHR-PL-235	3+0+0	3
10	APHE and Pathophysiology II Practical+Tutorial	PHR-PL-235 (P)	0+1+2	2
11	Project	PHR-PR-236	2	1
	<b>Total</b>		<b>34</b>	<b>26</b>

**B. Pharmacy Sem-IV (For batch 2016-20)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Pharmaceutical Microbiology	PHR-PT-241	3+0+0	3
2	Pharmaceutical Microbiology Practical+Tutorial	PHR-PT-241(P)	0+1+2	2
3	Pharmacology I	PHR-PL-242	3+0+0	3
4	Pharmacology I Practical+Tutorial	PHR-PL-242(P)	0+1+3	2
5	Biochemistry	PHR-PC-243	3+0+0	3
6	Biochemistry Practical+Tutorial	PHR-PC-243(P)	0+1+2	2
7	Pharmaceutical Unit Operation-II	PHR-PT-244	3+0+0	3
8	Pharmaceutical Unit Operation-II Practical+Tutorial	PHR-PT-244(P)	0+1+2	2
9	Pharmacognosy II	PHR-PG-245	2+0+0	2
10	Pharmacognosy II Practical	PHR-PG-245 (P)	0+0+2	1
11	Environmental Studies	PHR-ES-246	3+0+0	3
12	Project	PHR-PR-247	2	1
	<b>Total</b>		<b>34</b>	<b>27</b>

**B. Pharmacy Sem-V (For batch 2015-19)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Hospital & Community Pharmacy	PHR-PT-351	2+0+0	2
2	Hospital & Community Pharmacy Practical	PHR-PT-351(P)	0+0+2	1
3	Pharmacognosy III	PHR-PG-352	3+0+0	3
4	Pharmacognosy III Practical + Tutorial	PHR-PG-352(P)	0+1+2	2
5	Medicinal Chemistry-I	PHR-PC-353	3+0+0	3
6	Medicinal Chemistry-I Practical + Tutorial	PHR-PC-353(P)	0+1+3	2
7	Pharmacology II	PHR-PT-354	3+0+0	3
8	Pharmacology II Practical + Tutorial	PHR-PT-354 (P)	0+1+3	2
9	Pharmaceutical Technology	PHR-PT-355	3+0+0	3
10	Pharmaceutical Technology Practical + Tutorial	PHR-PT-355 (P)	0+1+2	2
11	Project	PHR-PR-356	2	1
	<b>Total</b>		<b>32</b>	<b>24</b>

**B. Pharmacy Sem-VI (For batch 2015-19)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Biopharmaceutics and Pharmacokinetics	PHR-PT-361	3+0+0	3
2	Biopharmaceutics and Pharmacokinetics Practical + Tutorial	PHR-PT-361(P)	0+1+4	3
3	Medicinal Chemistry-II	PHR-PC-362	3+0+0	3
4	Medicinal Chemistry-II Practical + Tutorial	PHR-PC-362(P)	0+1+4	3
5	Pharmaceutical Jurisprudence/DRA &IPR	PHR-PT-363	3+0+0	3
6	Chemistry of Natural Products	PHR-PG-364	3+0+0	3
7	Chemistry of Natural Products Practical + Tutorial	PHR-PG-364(P)	0+1+2	2
8	Pharmacology III	PHR-PL-365	3+0+0	3
9	Pharmacology III Practical + Tutorial	PHR-PL-365(P)	0+1+3	2
10	Project	PHR-PR-366	2	1
	<b>Total</b>		<b>34</b>	<b>26</b>

**B. Pharmacy Sem-VII (For batch 2014-18)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Pharmaceutical Technology - II	PHR-PT-471	3+0+0	3
2	Pharmaceutical Technology - II Practical + Tutorial	PHR-PT-471 (P)	0+1+2	2
3	Pharmacovigilance	PHR-PL-472	3+0+0	3

**B. Pharmacy Sem-VIII (For batch 2014-18)**

S. No.	Course Name	Code	(L+T+P)/Week	Credits
1	Clinical Pharmacotherapeutics	PHR-PL-481	3+0+0	3
2	Industrial Pharmacognosy	PHR-PG-482	3+0+0	3
3	Industrial Pharmacognosy Practical + Tutorial	PHR-PG-482 (P)	0+1+3	2

4	Pharmacovigilance Practical + Tutorial	PHR-PL-472 (P)	0+1+2	2
5	Pharmaceutical Management	PHR-PT-473	3+0+0	3
6	Medicinal Chemistry & Cheminformatics	PHR-PC-474	3+0+0	3
7	Medicinal Chemistry & Cheminformatics Practical + Tutorial	PHR-PC-474 (P)	0+1+3	2
8	Pharmaceutical Biotechnology	PHR-PT-475	3+0+0	3
9	Pharmaceutical Biotechnology Practical + Tutorial	PHR-PT-475 (P)	0+1+2	2
10	Project Literature Seminar/Approval	PHR-PR-476	6	2
	<b>Total</b>		34	<b>25</b>

4	Pharmaceutical Analysis-II	PHR-PC-483	3+0+0	3
5	Pharmaceutical Analysis-II Practical + Tutorial	PHR-PC-483 (P)	0+1+3	2
6	Chemical Biology	PHR-PC-484	3+0+0	3
7	Project	PHR-PR-485	9	3
	<b>Total</b>		29	<b>19</b>