

## Course Scheme

### B. Pharm

#### COURSES OF STUDY AND SCHEME OF EXAMINATION

Name of the Programme			Bachelor of Pharmacy	
Program Core (PC)	Program Elective (PE)	Open Elective (OE)	Total Credits	
200	--	--	200	

#### I Year B.Pharm.

Semester I					
S.No.	Course No.	Subjects	Title	Teaching Hours/Week	
				L – T – P	Credits
1	BPL 111	PHARMACEUTICAL CHEMISTRY- I (Pharmaceutical Organic Chemistry)	PC	4 – 2 – 4	7.0
2	BPL 112	PHARMACEUTICAL CHEMISTRY - II (Pharmaceutical Inorganic Chemistry)	PC	4 – 2 – 4	7.0
3	BPL 113	PHARMACEUTICS – I (Dispensing & Hospital Pharmacy)	PC	4 – 2 – 4	7.0
4	BPL 114	REMEDIAL BIOLOGY / REMEDIAL MATHS (For candidates who have not studied Maths/Biology)	PC	3 – 0 – 2 4 – 0 – 0	4.0
Total Credits:					25
Semester II					
1	BPL 121	PHARMACOGNOSY- I	PC	4 – 2 – 4	7.0
2	BPL 122	PHARMACEUTICS - II (General Pharmacy)	PC	4 – 2 – 4	7.0
3	BPL 123	PHARMACOLOGY-I (Anatomy, Physiology & Health Education)	PC	4 – 2 – 4	7.0
4	BPL124	PHARMACEUTICAL MATHEMATICS	PC	4 – 0 – 0	4.0
5		ENVIRONMENTAL STUDIES (EVS)	PC	4 – 0 – 0	0.0
Total Credits:					25

#### II Year B.Pharm.

Semester III					
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1	BPL 231	PHARMACEUTICS-III (Pharmaceutical Engineering-I)	PC	4 – 2 – 0	5.0
2	UCC 550	COMPUTER SCIENCE	PC	4 – 0 – 4	6.0
3	BPL 233	PHARMACEUTICAL CHEMISTRY – III (Pharmaceutical Physical Chemistry)	PC	4 – 2 – 4	7.0
4	BPL 234	PHARMACEUTICAL CHEMISTRY - IV (Pharmaceutical Analysis -I)	PC	4 – 2 – 4	7.0
Total Credits:					25
<b>Semester IV</b>					
1	BPL 241	PHARMACEUTICS-IV (Pharmaceutical Microbiology)	PC	4 – 2 – 4	7.0
2	BPL 242	PHARMACEUTICAL CHEMISTRY – V (Pharmaceutical Biochemistry)	PC	4 – 2 – 4	7.0
3	BPL 243	PHARMACOGNOSY-II	PC	4 – 2 – 4	7.0
4	BPL 244	PHARMACEUTICS-V (Forensic Pharmacy)	PC	4 – 0 – 0	4.0
Total Credits:					25

### III Year B.Pharm

<b>Semester V</b>					
S.No.	Course No.	Subjects	Title	Teaching Hours/Week	
				L – T – P	Credits
1	BPL 351	PHARMACEUTICS -VI (Physical Pharmacy)	PC	4 – 0 – 4	6.0
2	BPL 352	PHARMACEUTICS-VII (Dosage Form Design)	PC	4 – 0 – 4	6.0
3	BPL 353	PHARMACEUTICAL CHEMISTRY-VI (Medicinal chemistry-I)	PC	4 – 2 – 4	7.0
4	BPL 354	PHARMACOLOGY-II	PC	4 – 0 – 4	6.0
5	UCC 551	PRESENTATION & COMM. SKILL	PC	4 – 0 – 0	0.0
Total Credits:					25
<b>Semester VI</b>					
1	BPL 361	PHARMACEUTICS-VIII (Pharmaceutical Engineering)	PC	4 – 2 – 4	7.0
2	BPL 362	PHARM. CHEMISTRY-VII (Heterocyclic Compounds and Natural Products)	PC	4 – 2 – 0	5.0

3	BPL 363	PHARMACOLOGY- III	PC	4 – 2 – 4	7.0
4	BPL 364	PHARMACOGNOSY-III	PC	4 – 0 – 4	6.0
Total Credits:					25

**IV Year B.Pharm.**

<b>Semester VII</b>					
1	BPL 471	PHARMACEUTICS-IX (Biopharmaceutics & Pharmacokinetics)	PC	4 – 2 – 4	7.0
2	BPL 472	PHARMACEUTICAL CHEMISTRY-VIII (Medicinal Chemistry-II)	PC	4 – 2 – 4	7.0
3	BPL 473	PHARMACEUTICS-X (Packaging Technology)	PC	4 – 2 – 0	5.0
4	BPL 474	PHARMACOGNOSY-IV	PC	4 – 0 – 4	6.0
Total Credits:					25
<b>Semester VIII</b>					
1	BPL 481	PHARMACEUTICS-XI (Pharmaceutical Technology)	PC	4 – 2 – 4	7.0
2	BPL 482	PHARMACOLOGY- IV	PC	4 – 2 – 0	5.0
3	BPL 483	PHARMACEUTICAL CHEMISTRY-IX (Pharmaceutical Analysis-II)	PC	4 – 2 – 4	7.0
4	BPL 484	PHARMACEUTICS-XII (Pharmaceutical Management)	PC	4 – 0 – 0	4.0
5	BPD 485	Project report	PC	2 – 0 – 0	2.0
Total credits					25