

**School Name: School of Medical & Allied Sciences
Dept of Pharmacy**

Programme Name: Bachelor of Pharmacy

Scheme: 2016-2020

Semester I

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	MAT 112 / PCY 100	Remedial Mathematics	3	-	-	3	20	80	100
		Or Remedial Biology							
2	PCY 101	Pharmaceutical Analysis-I	3	-	-	3	20	80	100
3	PCY 102	Pharmaceutical Chemistry-I	3	-	-	3	20	80	100
		(Inorganic Pharm. Chem.)							
4	PCY 103	Pharmaceutics-I	3	-	-	3	20	80	100
		(General Pharmacy)							
5	PCY 104	Anatomy, Physiology and Health Education-I	3	-	-	3	20	80	100
6	ENG 131	Communicative English –I	2	-	2	2	20	80	100
7	PCY 151	Pharmaceutical Analysis-I (P)	-	-	4	2	20	80	100
8	PCY 152	Pharmaceutical Chemistry-I	-	-	4	2	20	80	100
		(Inorganic Pharm .Chem.) (P)							
9	PCY 153	Pharmaceutics-I	-	-	4	2	20	80	100
		(General Pharmacy) (P)							
10	PCY 154	Anatomy, Physiology and Health Education-I (P)	-	-	4	2	20	80	100
11	ENG 181	Communicative English –I (P)	0	0	2	1	20	80	100
		TOTAL				27	220	880	1100

Semester II

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 105	Pharmaceutical chemistry – II	3	-	-	3	20	80	100
		(Organic Chemistry- I)							

2	PCY 106	Anatomy Physiology and Health Education-II	3	-	-	3	20	80	100
3	PCY 107	Pharmaceutics – II (Dosage Form Design)	3		-	3	20	80	100
4	PCY 108	Computer Fundamentals and Programming	3	-	-	3	20	80	100
5	LLL 101	Universal Human Values and Ethics	3	-	-	3	20	80	100
6	ENG 231	Communicative English –II	2	-		3	20	80	100
7	PCY 155	Pharmaceutical Chemistry – II Practical (Organic Chemistry-I) (P)	-	-	4	2	20	80	100
8	PCY 156	Computer Fundamentals and Programming (P)	-	-	4	2	20	80	100
9	PCY 157	Pharmaceutics – II (Dosage Form Design)(P)	-	-	4	2	20	80	100
10	ENG 281	Communicative English –II (P)	-	-	2	1	20	80	100
		TOTAL				25	200	800	1000

SEMESTER III

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 201	Pharmaceutics – III (Pharmaceutical Operations – I)	3	-	-	3	20	80	100
2	PCY 202	Pharmacognosy – I	3	-	-	3	20	80	100
3	PCY 203	Pharmaceutical Chemistry – III (Organic Chemistry – II)	3	-	-	3	20	80	100
4	PCY 204	Pharmaceutical Analysis-II	3	-	-	3	20	80	100
5	EVS 102	Energy & Environmental Sciences	3	-	-	3	20	80	100
6	PCY 251	Pharmaceutics – III (Pharmaceutical Operations – I) (P)	-	-	4	2	20	80	100
7	PCY 252	Pharmacognosy – I (P)	-	-	4	2	20	80	100
8	PCY 253	Pharmaceutical Chemistry – III	-	-	4	2	20	80	100

		(Organic Chemistry – II) (P)								
9	PCY 254	Pharmaceutical Analysis-II(P)	-	-	4	2	20	80	100	
		TOTAL				23	180	720	900	

SEMESTER IV

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 205	Pharmaceutics – IV	3	-	-	3	20	80	100
		(Pharmaceutical Operation – II)							
2	PCY 206	Pharmaceutics – V	3	-	-	3	20	80	100
		(Pharmaceutical Microbiology)							
3	PCY 207	Pharmacognosy-II	3	-	-	3	20	80	100
4	PCY 208	Pharmacology – I	3	-	-	3	20	80	100
5	PCY 209	Pathophysiology	3	-	-	3	20	80	100
6	PCY 255	Pharmaceutics – IV	-	-	4	2	20	80	100
		(Pharmaceutical Operations – II) (P)							
7	PCY 256	Pharmaceutics – V	-	-	4	2	20	80	100
		(Pharmaceutical Microbiology) (P)							
8	PCY 257	Pharmacognosy-II(P)			4	2	20	80	100
		TOTAL				21	160	640	800

SEMESTER V

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 301	Pharmaceutics – VI	3	-	-	3	20	80	100
		(Pharmaceutical Technology-I)							
2	PCY 302	Pharmaceutical Chemistry - IV	3	-	-	3	20	80	100
		(Medicinal Chemistry-I)							
3	PCY 303	Pharmaceutics – VII	3	-	-	3	20	80	100
		(Physical Pharmacy)							
4	PCY 304	Pharmacology – II	3	-	-	3	20	80	100
5	PCY 351	Pharmaceutics – VI	-	-	4	2	20	80	100

		(Pharmaceutical Technology- I) (P)							
6	PCY 352	Pharmaceutical Chemistry – IV (Medicinal Chemistry - I) (P)	-	-	4	2	20	80	100
7	PCY 353	Pharmaceutics – VII (Physical Pharmacy) (P)	-	-	4	2	20	80	100
8	PCY 354	Pharmacology-II (P)	-	-	4	2	20	80	100
		TOTAL	12		12	20	160	640	800

SEMESTER VI

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 305	Pharmaceutical Chemistry – V (Medicinal Chemistry-II)	3	-	-	3	20	80	100
2	PCY 306	Pharmaceutics – VIII (Pharmaceutical Technology- II)	3	-	-	3	20	80	100
3	PCY 307	Biochemistry	3	-	-	3	20	80	100
4	PCY 308	Chemistry of Natural Products	3	-	-	3	20	80	100
5	PCY 309	Pharmaceutical Industrial Management	3	-	-	3	20	80	100
6	PCY 355	Pharmaceutical Chemistry – V (Medicinal Chemistry-II) (P)	-	-	4	2	20	80	100
7	PCY 356	Pharmaceutics – VIII (Pharmaceutical Technology-II) (P)	-	-	4	2	20	80	100
8	PCY 357	Biochemistry (P)	-	-	4	2	20	80	100
9	PCY 358	Chemistry of Natural Products(P)			4	2	20	80	100
		Total				23	180	720	900

SEMESTER VII

S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total

1	PCY 401	Pharmaceutics – IX	3	-	-	3	20	80	100
		(Biopharmaceutics and Pharmacokinetics)							
2	PCY 402	Pharmaceutical Analysis-III	3	-	-	3	20	80	100
3	PCY 403	Hospital Pharmacy	3	-	-	3	20	80	100
4	PCY 404	Pharmaceutical Chemistry – VI	3	-	-	3	20	80	100
		(Medicinal Chemistry-III)							
5	PCY 405	Pharmacognosy – III	3	-	-	3	20	80	100
6	PCY 451	Pharmaceutics – IX	2	-	-	2	20	80	100
		(Biopharmaceutics and Pharmacokinetics) (P)							
7	PCY 452	Pharmaceutical Analysis-III (P)	-	-	4	2	20	80	100
8	PCY 453	Pharmacognosy – III (P)	-	-	4	2	20	80	100
9	PCY 454	Report on Pharmaceutical Industrial Visit	-	-	-	2	20	80	100
10	Elective								
	LMR-406	Medical sales representative-I							
	LPM-407	Production and manufacturing -I				3	25	75	100
	LQC-408	Quality control-I	6						
LQA-409	Quality assurance-I								
11	Elective-(P)								
	LMR-455	Medical sales representative--I (P)							
	LPM-456	Production and manufacturing-I (P)			8	4	15	35	50
	LQC-457	Quality control- I (P)							
LQA-458	Quality assurance- I (P)								
Total			23		16	30	220	830	1050

SEMESTER VIII									
S.No	Course Code	Subject	L	T	P	C	Evaluation Scheme		
							Internal	External	Total
1	PCY 406	Pharmacology – III	3	-	-	3	20	80	100
2	PCY 407	Pharmaceutics – X	3	-	--	3	20	80	100
		(Drug Regulatory Affairs)							
3	PCY 408	Community and Clinical Pharmacy	3	-	-	3	20	80	100
4	PCY 409	Quality Assurance and Validation	3	-	-	3	20	80	100
Elective-I									
5	PCY 410	Standardization of Herbal Drugs	3	-	-	3	20	80	100
	PCY 411	Pharmaceutical Marketing							
	PCY 412	Pharmaceutical Packaging							
	PCY 413	Novel Drug Delivery Systems							
6	PCY 455	Community and Clinical Pharmacy (P)			4	2	20	80	100
	PCY 456	Pharmacology-III(P)			4	2	20	80	100
7	PCY 457	Project	-	-	4	2	20	80	100
		Standardization of Herbal Drugs							
	PCY 458	Pharmaceutical Marketing							
	PCY 459	Novel Drug Delivery Systems							
	PCY 460	Pharmaceutical Packaging							
Elective-II									
9	LMR 414	Medical sales representative-II	6			6	25	75	100
	LPM-415	Production and manufacturing-II							
	LQC-416	Quality control-II							
	LQA-417	Quality assurance-II							
10	Elective-practical								
	LMR-461	Medical sales representative- II(P)			8	4	15	35	50

	LPM-462	Production and manufacturing- II(P)							
	LQC-463	Quality control- II(P)							
	LQA-464	Quality assurance- II(P)							
		Total	21		20	28	200	750	950