

School Name: School of Medical & Allied Sciences
Dept of Pharmacy
Programme Name: Bachelor of Pharmacy
Scheme: 2019-2023

Curriculum

Semester 1										
Sl. No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT1001	Human Anatomy and Physiology I – Theory	3	1		4	10	15	75	100
2	BPHT1002	Pharmaceutical Analysis I – Theory	3	1		4	10	15	75	100
3	BPHT1003	Pharmaceutics I – Theory	3	1		4	10	15	75	100
4	BPHT1004	Pharmaceutical Inorganic Chemistry – Theory	3	1		4	10	15	75	100
5	BPHT1005	Communication skills – Theory *	2	-		2	5	10	35	50
6	BPHT1006 BPHM1006	Remedial Biology/ Remedial Mathematics – Theory*	2	-		2	5	10	35	50
7	BPHP1007	Human Anatomy and Physiology – Practical		-	4	2	5	10	35	50
8	BPHP1008	Pharmaceutical Analysis I – Practical		-	4	2	5	10	35	50
9	BPHP1009	Pharmaceutics I – Practical		-	4	2	5	10	35	50
10	BPHP1010	Pharmaceutical Inorganic Chemistry – Practical		-	4	2	5	10	35	50
11	BPHP1011	Communication skills – Practical*			2	1	5	5	15	25
12	BPHR1012	Remedial Biology – Practical			2	1	5	5	15	25
		Total	16	4	20	30	80	130	540	750

Semester II										
SI No	Course Code	Name of the Course						Assessment Pattern		
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT2001	Human Anatomy and Physiology II – Theory	3	1		4	10	15	75	100
2	BPHT2002	Pharmaceutical Organic Chemistry I – Theory	3	1		4	10	15	75	100
3	BPHT2003	Biochemistry – Theory	3	1		4	10	15	75	100
4	BPHT2004	Pathophysiology – Theory	3	1		4	10	15	75	100
5	BPHT2005	Computer Applications in Pharmacy – Theory *	3			3	10	15	50	75
6	BPHT2006	Environmental sciences – Theory *	3			3	10	15	50	75
7	BPHP2007	Human Anatomy and Physiology II – Practical			4	2	5	10	35	50
8	BPHP2008	Pharmaceutical Organic Chemistry I– Practical			4	2	5	10	35	50
9	BPHP2009	Biochemistry – Practical			4	2	5	10	35	50
10	BPHP2010	Computer Applications in Pharmacy – Practical*	2			1	5	5	15	25
		Total	20	4	12	29	80	125	520	725
Semester III										
SI No	Course Code	Name of the Course						Assessment Pattern		
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT3001	Pharmaceutical Organic Chemistry II – Theory	3	1		4	10	15	75	100
2	BPHT3002	Physical Pharmaceutics I – Theory	3	1		4	10	15	75	100
3	BPHT3003	Pharmaceutical Microbiology – Theory	3	1		4	10	15	75	100
4	BPHT3004	Pharmaceutical Engineering – Theory	3	1		4	10	15	75	100
5	UHVE1001	Universal Human Values and Ethics			2	2	10	15	75	100
6	BPHP3005	Pharmaceutical			4	2	5	10	35	50

		Organic Chemistry II – Practical								
7	BPHP3006	Physical Pharmaceutics I – Practical			4	2	5	10	35	50
8	BPHP3007	Pharmaceutical Microbiology – Practical			4	2	5	10	35	50
9	BPHP3008	Pharmaceutical Engineering – Practical			4	2	5	10	35	50
		Total	12	4	18	26	70	115	515	700
Semester IV										
SI No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT4001	Pharmaceutical Organic Chemistry III– Theory	3	1		4	10	15	75	100
2	BPHT4002	Medicinal Chemistry I – Theory	3	1		4	10	15	75	100
3	BPHT4003	Physical Pharmaceutics II – Theory	3	1		4	10	15	75	100
4	BPHT4004	Pharmacology I – Theory	3	1		4	10	15	75	100
5	BPHT4005	Pharmacognosy and Phytochemistry I– Theory	3	1		4	10	15	75	100
6	BPHP4006	Medicinal Chemistry I – Lab			4	2	5	10	35	50
7	BPHP4007	Physical Pharmaceutics II – Lab			4	2	5	10	35	50
8	BPHP4008	Pharmacology I – Lab			4	2	5	10	35	50
9	BPHP4009	Pharmacognosy and Phytochemistry I – Lab			4	2	5	10	35	50
		Total	15	5	16	28	70	115	515	700

Semester V										
SI No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT5001	Medicinal Chemistry II – Theory	3	1		4	10	15	75	100
2	BPHT5002	Industrial Pharmacy I– Theory	3	1		4	10	15	75	100
3	BPHT5003	Pharmacology II – Theory	3	1		4	10	15	75	100
4	BPHT5004	Pharmacognosy and Phytochemistry II– Theory	3	1		4	10	15	75	100
5	BPHT5005	Pharmaceutical Jurisprudence – Theory	3	1		4	10	15	75	100
6	BPHP5006	Industrial Pharmacy I – Lab				4	2	5	10	35
7	BPHP5007	Pharmacology II – Lab				4	2	5	10	35
8	BPHP5008	Pharmacognosy and Phytochemistry II – Lab				4	2	5	10	35
Total			15	5	12	26	65	105	480	650
Semester VI										
SI No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1.	BPHT6001	Medicinal Chemistry III – Theory	3	1		4	10	15	75	100
2.	BPHT6002	Pharmacology III – Theory	3	1		4	10	15	75	100
3.	BPHT6003	Herbal Drug Technology – Theory	3	1		4	10	15	75	100
4.	BPHT6004	Biopharmaceutics and Pharmacokinetics – Theory	3	1		4	10	15	75	100
5.	BPHT6005	Pharmaceutical Biotechnology – Theory	3	1		4	10	15	75	100
6.	BPHT6006	Quality Assurance –Theory	3	1		4	10	15	75	100
7	BPHP6007	Medicinal chemistry III – Lab				4	2	5	10	35

8.	BPHP6008	Pharmacology III – Lab			4	2	5	10	35	50
9	BPHP6009	Herbal Drug Technology- Lab			4	2	5	10	35	50
		TOTAL	18	6	12	30	75	120	555	750
Semester VII										
SI No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1.	BPHT7001	Instrumental Methods of Analysis – Theory	3	1		4	10	15	75	100
2.	BPHT7002	Industrial Pharmacy II – Theory	3	1		4	10	15	75	100
3.	BPHT7003	Pharmacy Practice – Theory	3	1		4	10	15	75	100
4.	BPHT7004	Novel Drug Delivery System – Theory	3	1		4	10	15	75	100
5.	BPHP7005	Instrumental Methods of Analysis – Practical			4	2	5	10	35	50
6.	BPPS7006	Practice School				6	10	15	100	125
		Total	12	4	4	24	55	85	435	575
Semester VIII										
SI No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	Sessional exam	ETE	Total
1	BPHT8001	Biostatistics and Research Methodology	3	1		4	10	15	75	100
2	BPHT8002	Social and Preventive Pharmacy	3	1		4	10	15	75	100
3	BPET8003	Pharma Marketing Management	3+3=6	2		8	20	30	150	200
4	BPET8004	Pharmaceutical Regulatory Science								
5	BPET8005	Pharmacovigilance								
6	BPET8006	Quality Control and Standardization of Herbals.								
7	BPET8007	Computer Aided Drug Design								
8	BPET8008	Cell and Molecular Biology								
9	BPET8009	Cosmetic Science								
1	BPET8010	Experimental Pharmacology								

1	BPET8011	Advanced Instrumentation Techniques								
1	BPET8012	Dietary Supplements and Nutraceuticals								
1	BPET8013	Pharmaceutical product development								
1	BPPW8012	Project Work			12	6			150	150
		Total	12	4	12	22	40	60	450	550

List of Electives

Basket-1 (Semester VII)

Sl No	Course Code	Name of the Electives					Assessment Pattern		
			L	T	P	C	Sessional Exam	ETE	Total
	BPMR7007	Medical sales representative	6	0		6	25	75	100
	BPPM7008	Production and manufacturing							
	BPQA7009	Quality assurance							
	BPQC7010	Quality control							
	BPMR7011	Medical sales representative-I Practical			2	1	15	35	50
	BPPM7012	Production and manufacturing-I Practical							
	BPQA7013	Quality assurance-I Practical							
	BPQC7014	Quality control-I Practical							
		Total	6	0	2	7	40	110	150

Basket-2 (Semester VIII)

Sl No	Course Code	Name of the Elective					Assessment Pattern		
			L	T	P	C	Sessional Exam	ETE	Total
	BPMR8014	Medical Sales Representative-II	6	0		6	25	75	100
	BPPM8015	Production and Manufacturing-II							
	BPQA8016	Quality Assurance-II							
	BPQC8017	Quality Control-II							
	BPMR8018	Medical Sales Representative-II Lab			2	1	15	35	50
	BPPM8019	Production and manufacturing- II Lab							
	BPQA8020	Quality Assurance-II Lab							
	BPQC8021	Quality Control- II Lab							
		Total	6	0	2	7	40	110	150