

Course Distribution by Semesters

LEVEL 1:

First Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Botany & medicinal plants	PCG 121	2	1	3	NONE
Mathematics	MAT 101	2	0	2	NONE
Medical terminology	PCL 131	1	0	1	NONE
Physics & biophysics	PCS 151	2	0	2	NONE
General & physical chemistry	PCS 153	2	1	3	NONE
Organic chemistry-1	PCS 155	2	1	3	NONE
Orientation & history of pharmacy	PCT 161	2	0	2	NONE
TOTAL		13	3	16	

Second Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
English language	LANG 101	3	0	3	NONE
Anatomy & histology	PCL 132	3	0	3	NONE
Analytical chemistry-1	PCS 156	2	1	3	PCS 153
Organic chemistry-2	PCS 158	2	1	3	PCS 155
Physical pharmacy	PCT 162	2	1	3	PCS 153
Communication skills	UNPS 102	3	-	3	NONE
TOTAL		15	3	18	

LEVEL 2:**Third Semester:**

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Psychology	UNPS 201	2	0	2	NONE
Pharmacognosy-1	PCG 221	2	1	3	PCG 121
Biostatistics	PCL 231	2	0	2	MAT 101
Analytical chemistry-2	PCS 251	2	1	3	PCS 156
Organic chemistry-3	PCS 253	3	1	4	PCS 158
Pharmaceutics-1	PCT 261	2	1	3	PCT 162
TOTAL		13	4	17	

Fourth Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Scientific thinking	PHIL 102	3	0	3	NONE
Pharmacognosy-2	PCG 222	2	1	3	PCG 121
Physiology	PCL 232	2	0	2	PCL 132
Instrumental analysis	PCS 254	2	1	3	PCS 156
Pharmaceutics-2	PCT 262	2	1	3	PCT 261
General microbiology	PMB 371	2	1	3	NONE
TOTAL		13	4	17	

LEVEL 3:**Fifth Semester:**

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Biochemistry-1	PBC 311	2	1	3	PCS 253
Chemistry of natural products-1	PCG 321	2	1	3	PCG 222
Chromatography & methods of separation	PCG 323	2	0	2	PCS 254
Pathophysiology	PCP 341	2	0	2	PCL 232
Pharmaceutics-3	PCT 361	2	1	3	PCT 262
Pathology & parasitology	PMB 272	2	1	3	PMB 371
Immunology	PMB 373	1	0	1	PCL 232
TOTAL		13	4	17	

Sixth Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Biochemistry-2	PBC 312	2	1	3	PBC 311
Chemistry of natural products-2	PCG 324	3	1	4	PCG 321
Pharmacology-1	PCL 332	2	1	3	PCP 341
Biopharmaceutics & pharmacokinetics	PCT 362	2	1	3	PCT 361
Medical microbiology	PMB 374	2	1	3	PMB 371
TOTAL		11	5	16	

LEVEL 4:**Seventh Semester:**

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Clinical biochemistry	PBC 411	2	1	3	PBC 312
Pharmacology-2	PCL 431	2	1	3	PCL 332
Therapeutics & clinical pharmacokinetics	PCP 443	2	0	2	PCT 362
Pharmaceutical chemistry-1	PCS 451	3	1	4	PCS 253
Pharmaceutical Preformulation	PCT 461	2	-	2	PCT 361
Pharmaceutical microbiology	PMB 471	2	1	3	PMB 374
Public health	PMB 473	2	0	2	PMB 374
TOTAL		15	4	19	

Eighth Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Phytotherapy	PCG-422	2	0	2	PCG 324
Pharmacy Management	PCP-448	1	0	1	NONE
Pharmacology-3	PCL 432	2	1	3	PCL 431
Toxicology & forensic chemistry	PCL 434	2	1	3	PCL 431
Hospital pharmacy	PCP 446	2	0	2	PCT 362
Pharmaceutical chemistry-2	PCS 452	2	1	3	PCS 451
Biotechnology & genetic engineering	PMB 474	2	0	2	PMB 473
Elective course-1	E 402	2	0	2	NONE
TOTAL		15	3	18	

LEVEL 5:
Ninth Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Drug& poison information	PCP 544	2	-	2	PCL 434
Clinical pharmacy-1	PCP 543	2	1	3	PCP 446
Pharmacy practice-1	PCP 545	2	-	2	PCP 446
Marketing & pharmacoeconomics	PCP 547	3	0	3	NONE
Drug quality control	PCS 551	2	1	3	PCS 254
Industrial pharmacy-1	PCT 561	2	1	3	PCT 362
Pharmacy Ethics and Legislations	PCT-565	1	0	1	PCT-161
Elective course-2	E 501	2	-	2	NONE
TOTAL		16	3	19	

Tenth Semester:

Course Title	Code No	No. of hours/Week			Prerequisite
		L	P	Total	
Clinical pharmacology	PCL 534	2	1	3	PCL 432
First aid	PCP 542	1	0	1	PCL 434
Pharmacy practice-2	PCP 546	2	0	2	PCP 446
Biological stand & screen of drug act	PCL 533	2	1	3	PCL 432
Clinical pharmacy-2	PCP 548	2	1	3	PCP 543
Industrial pharmacy-2	PCT 564	2	1	3	PCT 561
Quality assurance of pharmaceuticals	PCT 566	2	0	2	PCS 551
Elective course-3	E 502	2	0	2	NONE
TOTAL		15	4	19	