

B. Pharmacy
Four-Year Programme
Academic Curriculum (2016–17 onwards)

First Year I-Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage (%)		
			L	T	P			CW	MTE	ETE
	PHL-101A	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	0	0	3	3	10	40	50
PHL-103A	Pharmaceutics-I (General Pharmacy)	3	0	0	3	3	10	40	50	
PHL-105A	Anatomy, Physiology and Pathophysiology-I	3	0	0	3	3	10	40	50	
PHL-107A	Pharmaceutical Analysis-I	3	0	0	3	3	10	40	50	
CAL-115A	Computer Fundamentals	3	0	0	3	3	10	40	50	
PHP-101A	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry) Practical	0	0	4	4	2	20	40	40	
PHP-103A	Pharmaceutics-I (General Pharmacy) Practical	0	0	4	4	2	20	40	40	
PHP-105A	Anatomy, Physiology and Pathophysiology-I Project	0	0	2	2	1	20	40	40	
PHP-107A	Pharmaceutical Analysis-I Practical	0	0	4	4	2	20	40	40	
CAP-115A	Computer Fundamentals Practical	0	0	4	4	2	20	40	40	
Sub Total		15		18	33	24	1000			

First Year II- Semester

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage (%)		
			L	T	P			CW	MT E	ETE
	PHL-102A	Pharmaceutical Chemistry-II (organic Pharmaceutical Chemistry)	3	0	0	3	3	10	40	50
PHL-104A	Pharmaceutical Chemistry- III (Pharmaceutical Physical Chemistry)	3	0	0	3	3	10	40	50	
PHL-106A	Anatomy, physiology and Pathophysiology- II	3	0	0	3	3	10	40	50	
PHL-108A	Pharmacognosy-I	3	0	0	3	3	10	40	50	
PHL-110A	Pharmaceutical mathematics & Biostatics	3	0	0	3	3	10	40	50	
PHP-102A	Pharmaceutical Chemistry-II (organic Pharmaceutical Chemistry practical)	0	0	4	4	2	20	40	40	
PHP-104A	Pharmaceutical Chemistry- III (Pharmaceutical Physical Chemistry practical)	0	0	4	4	2	20	40	40	
PHP-106A	Anatomy, physiology and Pathophysiology- II practical	0	0	4	4	2	20	40	40	
PHP-108A	Pharmacognosy-I practical	0	0	4	4	2	20	40	40	
PHP-110A	Pharmaceutical mathematics & Biostatics project	0	0	2	2	1	20	40	40	
Sub Total		15		18	33	24	1000			

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Second Year III-Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
Autumn Semester	PHL-201A	Pharmaceutical Chemistry-III (Heterocyclic & bioorganic Chemistry)	3	0	0	3	3	10	40	50
	PHL-203A	Pharmaceutics-II(Unit Operations)	3	0	0	3	3	10	40	50
	PHL-205A	Pharmaceutics-III (Hospital & community Pharmacy)	3	0	0	3	3	10	40	50
	PHL-207A	Anatomy, physiology & Pathophysiology- III	3	0	0	3	3	10	40	50
	PHL-209A	Pharmacognosy- II	3	0	0	3	3	10	40	50
	PHP-201A	Pharmaceutical Chemistry-III (Heterocyclic & bioorganic Chemistry Practical)	0	0	4	4	2	20	40	40
	PHP-203A	Pharmaceutics-II(Unit Operations) Practical	0	0	4	4	2	20	40	40
	PHP-205A	Pharmaceutics-III (Hospital & community Pharmacy) Practical	0	0	4	4	2	20	40	40
	PHP-207A	Anatomy, physiology & Pathophysiology- III Project	0	0	2	2	1	20	40	40
	PHP-209A	Pharmacognosy- II Practical	0	0	4	4	2	20	40	40
Sub Total			15		18	33	24	1000		

Second Year IV-Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
Spring Semester	PHL-202A	Pharmaceutical Chemistry- IV (Molecular Biology & biochemistry)	3	0	0	3	3	10	40	50
	PHL-204A	Pharmaceutics- IV (Physical Pharmacy)	3	0	0	3	3	10	40	50
	PHL-206A	Pharmaceutics –V(Cosmetic Technology)	3	0	0	3	3	10	40	50
	PHL-208A	Pharmaceutical Analysis- II	3	0	0	3	3	10	40	50
	PHL-210A	Pharmaceutical Jurisprudence	3	0	0	3	3	10	40	50
	PHP-202A	Pharmaceutical Chemistry- IV (Molecular Biology & biochemistry) Practical	0	0	4	4	2	20	40	40
	PHP-204A	Pharmaceutics- IV (Physical Pharmacy) Practical	0	0	4	4	2	20	40	40
	PHP-206A	Pharmaceutics –V(Cosmetic Technology) Practical	0	0	4	4	2	20	40	40
	PHP-208A	Pharmaceutical Analysis- II Practical	0	0	4	4	2	20	40	40
	PHP-210A	Pharmaceutical Jurisprudence (case Studies)	0	0	2	2	1	20	40	40
Sub Total			15		18	33	24	1000		

* Theory: Assignments and regularity will be evaluated out of 10(ten) marks in a semester.
Practicals: Practical record and regularity will be evaluated 4 (four) times in a semester. Each evaluation will be out of 10 (ten) marks.

** Theory : Two mid-term examinations of 20 (twenty) marks each.

Practicals: Viva/quizzes will be held 4 (four) times in a semester, each of 10 (ten) marks.

† Evaluation of proficiency will be based on the participation in co-curricular activities.

†† Students will go for an industrial training programme of 8 (eight) weeks in the summer after the end of the III year spring semester examination.

N.B. The curricular structure is subject to revision from time to time, which will be duly notified.