

Semester-wise Pattern for Students Admitted to B. Pharm. Programme						
Year	First Semester		U	Second Semester		U
I	BIO F110	Biology Laboratory	1	BITS F114	General Mathematics II*	3
	BIO F111	General Biology	3	OR		
	CHEM F110	Chemistry Laboratory	1	MATH F112	Mathematics II	
	CHEM F111	General Chemistry	3	ME F110	Workshop Practice	2
	BITS F113	General Mathematics I*	3	CS F111	Computer Programming	4
	OR			PHA F214	Anatomy, Physiology, & Hygiene	3
	MATH F111	Mathematics I		PHA F212	Dispensing Pharmacy	3
	PHY F110	Physics Laboratory	1	BITS F112	Technical Report Writing	2
	PHY F112	General Physics	3	MGTS F211	Principles of Management	
	OR			OR		
PHY F111	Mechanics, Oscillations and Waves		ECON F211	Principles of Economics	3	
	BITS F110	Engineering Graphics	2			
			17			20
II	Humanities Electives		3	Humanities Electives		3
	BITS F218	General Mathematics III*	3	BITS F111	Thermodynamics	3
	OR			PHA F241	Pharmaceutical Chemistry	3
	MATH F211	Mathematics III		MATH F113	Probability and Statistics	3
	PHA F211	Pharmaceutical Analysis	3	PHA F215	Introduction to Molecular Biology and Immunology	3
	BITS F219	Process Engineering	3	PHA F244	Physical Pharmacy	3
	PHA F242	Biological Chemistry	3			
	PHA F213	Microbiology	3			
			18			18
Summer BITS F221 Practice School I (5 Units) Only for PS Option						
III	Open/Humanities Electives		2 to 5	Open/Humanities electives		4 to 6
	PHA F311	Pharmacology I	3	PHA F341	Pharmacology II	3
	PHA F312	Medicinal Chemistry I	3	PHA F342	Medicinal Chemistry II	3
	PHA F313	Instrumental Methods of Analysis	4	PHA F343	Forensic Pharmacy	2
	PHA F314	Pharm. Formulations & Biopharmaceutics	3	PHA F344	Natural Drugs	3
	Discipline Electives		3 (min)	Discipline Electives		3(min)
			18 /21			18 /20
IV	Open electives		6 to 11	BITS F412 Practice School II		20
	Discipline Electives		6 (min)	OR		
				BITS F421T Thesis (16) or Thesis (9) and Electives (6 to 9)		16 or 15 to 18
						15/20
			12/17			

Discipline Core - 48 Units (16 Courses)

Discipline Electives - 12 Units (4 Courses)

* A student must pursue all three courses in one sequence only (i.e. either Mathematics I, Mathematics II, and Mathematics III, or General Mathematics, General Mathematics II, and General Mathematics III).

Note: This is operative pattern for the students who are admitted from August 2014 onwards as approved by the Senate-appointed committee, subject to change if the situation warrants.