

PHARMACY COUNCIL OF INDIA

SYLLABUS

BACHELOR OF PHARMACY (B. Pharm)
(2026)

As per NEP 2020



YEAR 3

Semester V & Semester VI

Table-5: Course of study for semester V

Course Code	Name of the course	No. of hours per week (L/P)	Credit points
BP501T	Biomedical Chemistry (Theory)	3	3
BP502T	Industrial Pharmacognosy (Theory)	3	3
BP503T	Innovation and Startup Ecosystem (Theory)	2	2
BP504T	Pharmaceutical Dosage Form II (Theory)	2	2
BP505T	Pharmaceutical Quality Assurance (Theory)	3	3
BP506T	Systemic Pharmacology II (Theory)	3	3
BP507P	Biomedical Chemistry (Practical)	4	2
BP508P	Industrial Pharmacognosy (Practical)	3	1
BP509P	Pharmaceutical Dosage Form II (Practical)	3	1
BP510P	Systemic Pharmacology II (Practical)	4	2
Total		30	22

Table-6: Course of study for semester VI

Course Code	Name of the course	No. of hours per week (L/P)	Credit points
BP601T	Advanced Pharmacognosy (Theory)	3	3
BP602T	Biopharmaceutics and Pharmacokinetics (Theory)	3	3
BP603T	Intellectual Property Rights (Theory)	2	2
BP604T	AI applications in Pharmaceutical Sciences (Theory)	2	2
BP605T	Pharmaceutical Analysis (Theory)	3	3
BP606T	Pharmaceutical Jurisprudence (Theory)	3	3
BP607T AEC*	BP607T AEC1	1	1
	BP607T AEC2		
	BP607T AEC3		
	BP607T AEC4		
	BP607T AEC5		
	BP607T AEC6		

Course Code		Name of the course	No. of hours per week (L/P)	Credit points
BP608P		Biopharmaceutics and Pharmacokinetics (Practical)	3	1
BP609P		Pharmaceutical Analysis (Practical)	4	2
BP610P SEC*	BP610P SEC1	Computer-Aided Drug Design	2	1
	BP610P SEC2	Analytical Method Development and Validation		
	BP610P SEC3	Principles of Preclinical Studies		
BP611P VAC*	BP611P VAC1	Professional Skills	2	1
	BP611P VAC2	Process Analytical Technology (PAT) and QbD in Formulation Science		
BP612I		Internship (Mandatory)	8	4
Total			28	26