

Scheme and Syllabus

Bachelor of Pharmacy (B. Pharm)

School of Pharmacy & Allied Health Sciences



Atal Shiksha Nagar (Kallujhanda), P.O.
Mandhala, Village- Nanakpura,
Pinjore-Nalagarh highway, District- Solan,
Himachal Pradesh- 174103

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Semester I

Coursecode	Nameofthecourse	No.of hours	Tutorial	Credit points
BP101T	Human AnatomyandPhysiologyI–Theory	3	1	4
BP102T	PharmaceuticalAnalysisI–Theory	3	1	4
BP103T	PharmaceuticsI– Theory	3	1	4
BP104T	PharmaceuticalInorganicChemistry–Theory	3	1	4
BP105T	Communicationskills–Theory*	2	-	2
BP106RBT BP106RMT	RemedialBiology/ RemedialMathematics–Theory*	2	-	2
BP107P	HumanAnatomyandPhysiology–Practical	4	-	2
BP108P	PharmaceuticalAnalysisI–Practical	4	-	2
BP109P	PharmaceuticsI–Practical	4	-	2
BP110P	PharmaceuticalInorganicChemistry–Practical	4	-	2
BP111P	Communicationskills–Practical*	2	-	1
BP112RBP	Remedial Biology–Practical*	2	-	1
Total		32/34[§]/36[#]	4	27/29[§]/30[#]

[#]Applicable ONLY for the students who have studied Mathematics/Physics/Chemistry at HSC and appearing for Remedial Biology (RB) course.

[§]Applicable ONLY for the students who have studied Physics /Chemistry /Botany /Zoology at HSC and appearing for Remedial Mathematics (RM) course.

*Non University Examination (NUE)

Semester II

Course Code	Nameofthecourse	No.of hours	Tutorial	Credit points
BP201T	HumanAnatomyandPhysiologyII–Theory	3	1	4
BP202T	PharmaceuticalOrganicChemistryI–Theory	3	1	4
BP203T	Biochemistry–Theory	3	1	4
BP204T	Pathophysiology–Theory	3	1	4
BP205T	Computer ApplicationsinPharmacy–Theory*	3	-	3
BP206T	Environmentalsciences–Theory*	3	-	3
BP207P	Human AnatomyandPhysiologyII–Practical	4	-	2
BP208P	PharmaceuticalOrganicChemistryI–Practical	4	-	2
BP209P	Biochemistry–Practical	4	-	2
BP210P	ComputerApplicationsinPharmacy–Practical*	2	-	1
	Total	32	4	29

*NonUniversityExamination(NUE)

SemesterIII

Course code	Nameofthecourse	No.of hours	Tutorial	Credit points
BP301T	Pharmaceutical OrganicChemistryII– Theory	3	1	4
BP302T	PhysicalPharmaceuticsI–Theory	3	1	4
BP303T	PharmaceuticalMicrobiology–Theory	3	1	4
BP304T	PharmaceuticalEngineering–Theory	3	1	4
BP305P	PharmaceuticalOrganicChemistryII–Practical	4	-	2
BP306P	PhysicalPharmaceuticsI–Practical	4	-	2
BP307P	PharmaceuticalMicrobiology–Practical	4	-	2
BP308P	PharmaceuticalEngineering–Practical	4	-	2
Total		28	4	24

SemesterIV

Course code	Nameofthecourse	No.of hours	Tutorial	Credit points
BP401T	PharmaceuticalOrganicChemistryIII–Theory	3	1	4
BP402T	MedicinalChemistryI–Theory	3	1	4
BP403T	PhysicalPharmaceuticsII–Theory	3	1	4
BP404T	PharmacologyI–Theory	3	1	4
BP405T	PharmacognosyandPhytochemistryI–Theory	3	1	4
BP406P	MedicinalChemistryI–Practical	4	-	2
BP407P	PhysicalPharmaceuticsII–Practical	4	-	2
BP408P	PharmacologyI–Practical	4	-	2
BP409P	PharmacognosyandPhytochemistryI–Practical	4	-	2
Total		31	5	28

Semester V

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial Pharmacy I – Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II – Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial Pharmacy I – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
Total		27	5	26

Semester VI

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance – Theory	3	1	4
BP607P	Medicinal Chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
Total		30	6	30

SemesterVII

Course code	Nameofthecourse	No.of hours	Tutorial	Credit points
BP701T	InstrumentalMethodsofAnalysis –Theory	3	1	4
BP702T	Industrial PharmacyII–Theory	3	1	4
BP703T	PharmacyPractice–Theory	3	1	4
BP704T	NovelDrugDeliverySystem–Theory	3	1	4
BP705P	InstrumentalMethodsofAnalysis–Practical	4	-	2
BP706PS	PracticeSchool*	12	-	6
Total		28	5	24

*NonUniversityExamination(NUE)

SemesterVIII

Course code	Nameofthecourse	No.of hours	Tutorial	Credit points
BP801T	BiostatisticsandResearchMethodology	3	1	4
BP802T	SocialandPreventive Pharmacy	3	1	4
BP803ET	PharmaMarketingManagement	3+3= 6	1+1=2	4+4= 8
BP804ET	PharmaceuticalRegulatoryScience			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization ofHerbals			
BP807ET	ComputerAidedDrugDesign			
BP808ET	CellandMolecularBiology			
BP809ET	CosmeticScience			
BP810ET	Experimental Pharmacology			
BP811ET	AdvancedInstrumentationTechniques			
BP812ET	DietarySupplementsandNutraceuticals			
BP813PW	ProjectWork	12	-	6
Total		24	4	22