

**ALWAR PHARMACY COLLEGE
ALWAR.**

TEACHING AND EXAMINATION SCHEME (Courtesy: RUHS, Jaipur)

B. Pharmacy First Year

Paper No.	Subject	Teaching hrs. per week	Univ. exam. hrs.	Marks		
				Sessio nal	Univ. Exam	Total
B.Ph. 101T	Pharmaceutical Inorganic Chemistry, Theory	2	3	20	80	100
B.Ph. 102P	Pharmaceutical Inorganic Chemistry, Practical	3	3	20	80	100
B.Ph. 103T	Pharmaceutical Biochemistry & Clinical Pathology, Theory	2	3	20	80	100
B.Ph. 104P	Pharmaceutical Biochemistry & Clinical Pathology, Practical	3	3	20	80	100
B.Ph. 105T	Dispensing Pharmacy, Theory	2	3	20	80	100
B.Ph. 106P	Dispensing Pharmacy, Practical	3	3	20	80	100
B.Ph. 107T	Pharmaceutical Technology-I, Theory	2	3	20	80	100
B.Ph. 108P	Pharmaceutical Technology-I, Practical	3	3	20	80	100
B.Ph. 109T	Pharmaceutical Biology and Introductory Pharmacognosy, Theory	3	3	20	80	100
B.Ph. 110P	Pharmaceutical Biology and introductory Pharmacognosy, Practical	3	3	20	80	100
B.Ph. 111T	Human Anatomy, Physiology and Health Education, Theory	3	3	20	80	100
B.Ph. 112P	Human Anatomy, Physiology and Health Education, Practical	3	3	20	80	100
B.Ph. 113T	Pharmaceutical Jurisprudence, Theory	2	3	20	80	100
B.Ph. 114T	Pharmacy Practice, Theory	2	3	20	80	100
	Total	36	42	280	1120	1400

B. Pharmacy Second Year

Paper No.	Subject	Teaching hrs. per week	Univ. exam. hrs.	Marks		
				Sessio nal	Univ. Exam	Total
B.Ph. 201T	Pharmaceutical Organic Chemistry, Theory	3	3	20	80	100
B.Ph. 202P	Pharmaceutical Organic Chemistry, Practical	3	3	20	80	100
B.Ph. 203T	Chemistry of Natural Drugs, Theory	3	3	20	80	100
B.Ph. 204P	Chemistry of Natural Drugs, Practical	3	3	20	80	100
B.Ph. 205T	Physical Pharmacy, Theory	2	3	20	80	100
B.Ph. 206P	Physical Pharmacy, Practical	3	3	20	80	100
B.Ph. 207T	Pharmaceutical Engineering, Unit Operations and Engineering Drawing, Theory	3	3	20	80	100
B.Ph. 208P	Pharmaceutical Engineering, Unit Operations and Engineering Drawing, Practical	3	3	20	80	100
B.Ph. 209T	Pharmacology-I and Pathophysiology, Theory	2	3	20	80	100
B.Ph. 210T	Computer Applications, Theory	2	3	20	80	100
B.Ph. 211P	Computer Applications, Practical	3	3	20	80	100
B.Ph. 212T	Mathematics and Bio-Statistics, Theory	3	3	20	80	100
	Total	33	36	240	960	1200

**ALWAR PHARMACY COLLEGE
ALWAR.**

B. Pharmacy Third Year

Paper No.	Subject	Teaching hrs. per week	Univ. exam. hrs.	Marks		
				Sessio nal	Univ. Exam	Total
B.Ph. 301T	Pharmaceutical Analysis, Theory	2	3	20	80	100
B.Ph. 302P	Pharmaceutical Analysis, Practical	3	3	20	80	100
B.Ph. 303T	Medicinal Chemistry-I , Theory	3	3	20	80	100
B.Ph. 304P	Medicinal Chemistry-I, Practical	3	3	20	80	100
B.Ph. 305T	Pharmaceutical Microbiology and Biotechnology, Theory	3	3	20	80	100
B.Ph. 306P	Pharmaceutical Microbiology and Biotechnology, Practical	3	3	20	80	100
B.Ph. 307T	Pharmaceutical Formulation, Theory	2	3	20	80	100
B.Ph. 308P	Pharmaceutical Formulation, Practical	3	3	20	80	100
B.Ph. 309T	Hospital & Community Pharmacy, Theory	2	3	20	80	100
B.Ph. 310T	Pharmacology -II and Pathophysiology, Theory	3	3	20	80	100
B.Ph. 311P	Pharmacology-II and Pathophysiology, Practical	3	3	20	80	100
B.Ph. 312T	Pharmacognosy-I, Theory	3	3	20	80	100
B.Ph. 313P	Pharmacognosy-I, Practical	3	3	20	80	100
	Total	36	39	260	1040	1300

B. Pharmacy Final Year

Paper No.	Subject	Teaching hrs. per week	Univ. exam. hrs.	Marks		
				Sessi onal	Univ. Exam	Total
B.Ph. 401T	Instrumental Analysis, Theory	2	3	20	80	100
B.Ph. 402P	Instrumental Analysis, Practical	3	3	20	80	100
B.Ph. 403T	Medicinal Chemistry-II, Theory	3	3	20	80	100
B.Ph. 404P	Medicinal Chemistry-II, Practical	3	3	20	80	100
B.Ph. 405T	Dosage Form Design and Cosmeticology, Theory	2	3	20	80	100
B.Ph. 406P	Dosage Form Design and Cosmeticology, Practical	3	3	20	80	100
B.Ph. 407T	Biopharmaceutics & Pharmacokinetics, Theory	2	3	20	80	100
B.Ph. 408P	Biopharmaceutics & Pharmacokinetics, Practical	3	3	20	80	100
B.Ph. 409T	Pharmacology -III and Clinical Pharmacy, Theory	3	3	20	80	100
B.Ph. 410P	Pharmacology-III and Clinical Pharmacy, Practical	3	3	20	80	100
B.Ph. 411T	Pharmacognosy-II, Theory	3	3	20	80	100
B.Ph. 412P	Pharmacognosy-II, Practical	3	3	20	80	100
B.Ph. 413T	Pharmaceutical Industrial Management, Theory	2	3	20	80	100
B.Ph. 414P	Project	1	-	50	-	50
B.Ph. 415P	Professional Training	*	-	50	-	50
	Total	36	39	360	1040	1400

* Professional training to be carried out for 400 Hrs as per clause 7 of academic regulations.