

**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
	<b>Total</b>	<b>36</b>	<b>42</b>	<b>280</b>	<b>1120</b>	<b>1400</b>

**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
	<b>Total</b>	<b>33</b>	<b>36</b>	<b>240</b>	<b>960</b>	<b>1200</b>

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**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
	<b>Total</b>	<b>36</b>	<b>39</b>	<b>260</b>	<b>1040</b>	<b>1300</b>

**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
	<b>Total</b>	<b>36</b>	<b>39</b>	<b>360</b>	<b>1040</b>	<b>1400</b>

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