BRAINWARE UNIVERSITY

Department of Pharmaceutical Technology

Bachelor of Pharmacy - 2023

Semester-I

Course Code	Course Name	L - T - P	Credits	Total Marks
BP101T	Human Anatomy and Physiology I	3-1-0	4	100
BP102T	Pharmaceutical Analysis I	3-1-0	4	100
BP103T	Pharmaceutics I	3-1-0	4	100
BP104T	Pharmaceutical Inorganic Chemistry	3-1-0	4	100
BP105T	Communication Skills	2-0-0	2	50
BP106RBT / BP106RMT	Remedial Biology/ Remedial Mathematics	2-0-0	2	50
BP107P	Human Anatomy and Physiology I	0-0-4	2	50
BP108P	Pharmaceutical Analysis I	0-0-4	2	50
BP109P	Pharmaceutics-I	0-0-4	2	50
BP110P	Pharmaceutical Inorganic Chemistry	0-0-4	2	50
BP111P	Communication skills	0-0-2	1	25
BP112RBP	Remedial Biology – Practical	0-0-2	1	25
Total			**30**	**750**

Semester-II

Course Code	Course Name	L - T - P	Credits	Total Marks
BP201T	Human Anatomy and Physiology II	3-1-0	4	100
BP202T	Pharmaceutical Organic Chemistry I	3-1-0	4	100
BP203T	Biochemistry	3-1-0	4	100
BP204T	Pathophysiology	3-1-0	4	100
BP205T	Computer Applications in Pharmacy	3-0-0	3	75
BP206T	Environmental Sciences	3-0-0	3	75
BP207P	Human Anatomy and Physiology II	0-0-4	2	50
BP208P	Pharmaceutical Organic Chemistry I	0-0-4	2	50
BP209P	Biochemistry	0-0-4	2	50
BP210P	Computer Applications in Pharmacy	0-0-2	1	25
Total			**29**	**725**

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Semester-III

Course Code	Course Name	L - T - P	Credits	Total Marks
BP301T	Pharmaceutical Organic Chemistry II	3-1-0	4	100
BP302T	Physical Pharmaceutics I	3-1-0	4	100
BP303T	Pharmaceutical Microbiology	3-1-0	4	100
BP304T	Pharmaceutical Engineering	3-1-0	4	100
BP305P	Pharmaceutical Organic Chemistry II	0-0-4	2	50
BP306P	Physical Pharmaceutics I	0-0-4	2	50
BP307P	Pharmaceutical Microbiology	0-0-4	2	50
BP308P	Pharmaceutical Engineering	0-0-4	2	50
TOTAL			**24**	**600**

Semester-IV

Course Code	Course Name	L - T - P	Credits	Total Marks
BP401T	Pharmaceutical Organic Chemistry III	3-1-0	4	100
BP402T	Medicinal Chemistry I	3-1-0	4	100
BP403T	Physical Pharmaceutics II	3-1-0	4	100
BP404T	Pharmacology I	3-1-0	4	100
BP405T	Pharmacognosy and Phytochemistry I	3-1-0	4	100
BP406P	Medicinal Chemistry I Lab	0-0-4	2	50
BP407P	Physical Pharmaceutics II Lab	0-0-4	2	50
BP408P	Pharmacology I Lab	0-0-4	2	50
BP409P	Pharmacognosy and Phytochemistry I Lab	0-0-4	2	50
TOTAL			**28**	**700**

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Semester-V

Course Code	Course Name	L - T - P	Credits	Total Marks
BP501T	Medicinal Chemistry II	3-1-0	4	100
BP502T	Industrial Pharmacy I	3-1-0	4	100
BP503T	Pharmacology II	3-1-0	4	100
BP504T	Pharmacognosy and Phytochemistry II	3-1-0	4	100
BP505T	Pharmaceutical Jurisprudence	3-1-0	4	100
BP506P	Industrial Pharmacy I Lab	0-0-4	2	50
BP507P	Pharmacology II Lab	0-0-4	2	50
BP508P	Pharmacognosy and Phytochemistry II Lab	0-0-4	2	50
TOTAL			**26**	**650**

Semester-VI

Course Code	Course Name	L - T - P	Credits	Total marks
BP601T	Medicinal Chemistry III – Theory	3 - 1 - 0	4	100
BP602T	Pharmacology III – Theory	3 - 1 - 0	4	100
BP603T	Herbal Drug Technology – Theory	3 - 1 - 0	4	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3 - 1 - 0	4	100
BP605T	Pharmaceutical Biotechnology – Theory	3 - 1 - 0	4	100
BP606T	Quality Assurance –Theory	3 - 1 - 0	4	100
BP607P	Medicinal chemistry III – Practical	0 - 0 - 4	2	50
BP608P	Pharmacology III – Practical	0 - 0 - 4	2	50
BP609P	Herbal Drug Technology – Practical	0 - 0 - 4	2	50
Total			**30**	**750**

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Semester-VII

Course Code	Course Name	L - T - P	Credits	Total marks
BP701T	Instrumental Methods of Analysis – Theory	3 - 1 - 0	4	100
BP702T	Industrial Pharmacy II– Theory	3 - 1 - 0	4	100
BP703T	Pharmacy Practice – Theory	3 - 1 - 0	4	100
BP704T	Novel Drug Delivery System – Theory	3 - 1 - 0	4	100
BP705P	Instrumental Methods of Analysis– Practical	0 - 0 - 4	2	50
BP706PS	Practice School		6	150
Total			24	600

Semester-VIII

Course Code	Course Name	L - T - P	Credits	Total marks
BP801T	Biostatistics and Research Methodology– Theory	3 - 1 - 0	4	100
BP802T	Social and Preventive Pharmacy	3 - 1 - 0	4	100
BP803ET	Pharma Marketing Management	3 - 1 - 0	4	100+100 Any Two Subjects
BP804ET	Pharmaceutical Regulatory Science	3 - 1 - 0	4	
BP805ET	Pharmacovigilance	3 - 1 - 0	4	
BP806ET	Quality Control and Standardization of Herbals	3 - 1 - 0	4	
BP807ET	Computer Aided Drug Design	3 - 1 - 0	4	
BP808ET	Cell and Molecular Biology	3 - 1 - 0	4	
BP809ET	Cosmetic Science	3 - 1 - 0	4	
BP810ET	Experimental Pharmacology	3 - 1 - 0	4	
BP811ET	Advanced Instrumentation Techniques	3 - 1 - 0	4	
BP812ET	Dietary Supplements and Nutraceuticals	3 - 1 - 0	4	
BP813PW	Project Work	12	6	150
Total			**22**	**550**