



## STUDY AND EVALUATION SCHEME (2023-2024)

### SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS

rogram: BPharm

Semester: 1st

.No.	Course Code	Course Name	Maximum Marks Allotted						Credits Allotted			Total Credit	
			Theory			Practical			Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva					
1	BP-101[T]	Human Anatomy and Physiology I	40	30	30	0	0	0	100	2	0	0	2
2	BP-102[T]	Pharmaceutical Analysis I	40	30	30	0	0	0	100	2	0	0	2
3	BP-103[T]	Pharmaceutics I	40	30	30	0	0	0	100	2	0	0	2
4	BP-104[T]	Pharmaceutical Inorganic Chemistry	40	30	30	0	0	0	100	2	0	0	2
5	BP-105[T]	Communication Skills *	35	10	5	0	0	0	50	2	0	0	2
6	BP-106RB[T]	Remedial Biology *	35	10	5	0	0	0	50	2	0	0	2
7	BP-106RM[T]	Remedial Mathematics *	35	10	5	0	0	0	50	2	0	0	2
8	BP-113[T]	Fine art and Music-I *	20	0	5	0	0	0	25	1	0	0	1
9	BP-107[P]	Human anatomy and Physiology	0	0	0	40	0	0	40	0	0	1	1
10	BP-108[P]	Pharmaceutical Analysis I	0	0	0	40	0	0	40	0	0	1	1
11	BP-109[P]	Pharmaceutics I	0	0	0	40	0	0	40	0	0	1	1
12	BP-110[P]	Pharmaceutical Inorganic Chemistry	0	0	0	40	0	0	40	0	0	1	1
13	BP-111[P]	Communication Skills	0	0	0	40	0	0	40	0	0	1	1
14	BP-112BP[P]	Remedial Biology	0	0	0	40	0	0	40	0	0	1	1
15	BP-112RB[P]	Remedial Biology *	0	0	0	15	5	5	25	0	0	1	1
<b>Total Credits</b>											<b>22</b>		

#### Newly Added Courses

\*Applicable ONLY for the students who have studied Mathemaθcs / 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 Mathemaθcs (RM)course. \* Non University Examinaθon (NUE)



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 2nd

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BP201T	Human Anatomy and Physiology II	75	15	10	0	0	0	100	3	1	0	4
2	BP202T	Pharmaceutical Organic Chemistry I	75	15	10	0	0	0	100	3	1	0	4
3	BP203T	Biochemistry	75	15	10	0	0	0	100	3	1	0	4
4	BP204T	Pathophysiology	75	15	10	0	0	0	100	3	1	0	4
5	BP205T	Computer Applications in Pharmacy *	50	15	10	0	0	0	75	3	0	0	3
6	BP206T	Environmental sciences *	50	15	10	0	0	0	75	2	0	0	2
7	BP211T	Fine art and Music II *	20	0	5	0	0	0	25	1	0	0	1
8	BP207P	Human Anatomy and Physiology II	0	0	0	35	10	5	50	0	0	2	2
9	BP208P	Pharmaceutical Organic Chemistry I	0	0	0	35	10	5	50	0	0	2	2
10	BP209P	Biochemistry	0	0	0	35	10	5	50	0	0	2	2
11	BP210P	Computer Applications in Pharmacy *	0	0	0	15	5	5	25	0	0	1	1
<b>Total Credits</b>												<b>29</b>	

[Newly Added Courses](#)



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 3rd

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BP301T	Pharmaceutical Organic Chemistry II	75	15	10	0	0	0	100	3	1	0	4
2	BP302T	Physical Pharmaceutics I	75	15	10	0	0	0	100	3	1	0	4
3	BP303T	Pharmaceutical Microbiology	75	15	10	0	0	0	100	3	1	0	4
4	BP304T	Pharmaceutical Engineering	75	15	10	0	0	0	100	3	1	0	4
5	BP309T	Fine art and Music III/online certification course *	20	0	5	0	0	0	25	1	0	0	1
6	BP305P	Pharmaceutical Organic Chemistry II	0	0	0	35	10	5	50	0	0	2	2
7	BP306P	Physical Pharmaceutics I	0	0	0	35	10	5	50	0	0	2	2
8	BP307P	Pharmaceutical Microbiology	0	0	0	35	10	5	50	0	0	2	2
9	BP308P	Pharmaceutical Engineering	0	0	0	35	10	5	50	0	0	2	2
<b>Total Credits</b>												<b>25</b>	

Newly Added Courses



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 4th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BP401T	Pharmaceutical Organic Chemistry III	75	15	10	0	0	0	100	3	1	0	4
2	BP402T	Medicinal Chemistry I	75	15	10	0	0	0	100	3	1	0	4
3	BP403T	Physical Pharmaceutics II	75	15	10	0	0	0	100	3	1	0	4
4	BP404T	Pharmacology I	75	15	10	0	0	0	100	3	1	0	4
5	BP405T	Pharmacognosy and Phytochemistry I	75	15	10	0	0	0	100	3	1	0	4
6	BP410T	Fine art and Music IV/ online certification course *	20	0	5	0	0	0	25	1	0	0	1
7	BP406P	Medicinal Chemistry I	0	0	0	35	10	5	50	0	0	2	2
8	BP407P	Physical Pharmaceutics II	0	0	0	35	10	5	50	0	0	2	2
9	BP408P	Pharmacology I	0	0	0	35	10	5	50	0	0	2	2
10	BP409P	Pharmacognosy and Phytochemistry I	0	0	0	35	10	5	50	0	0	2	2
<b>Total Credits</b>												<b>29</b>	

[Newly Added Courses](#)



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 5th

.No.	Course Code	Course Name	Maximum Marks Allotted						Credits Allotted			Total Credit	
			Theory			Practical			Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva					
1	BP501T	Medicinal Chemistry II	75	15	10	0	0	0	100	3	1	0	4
2	BP502T	Industrial Pharmacy I	75	15	10	0	0	0	100	3	1	0	4
3	BP503T	Pharmacology II	75	15	10	0	0	0	100	3	1	0	4
4	BP504T	Pharmacognosy and Phytochemistry II	75	15	10	0	0	0	100	3	1	0	4
5	BP505T	Pharmaceutical Jurisprudence	75	15	10	0	0	0	100	3	1	0	4
6	BP506P	Industrial Pharmacy I	0	0	0	35	10	5	50	0	0	2	2
7	BP507P	Pharmacology II	0	0	0	35	10	5	50	0	0	2	2
8	BP508P	Pharmacognosy and Phytochemistry II	0	0	0	35	10	5	50	0	0	2	2
9		Elective1.	20	0	5	0	0	0	25	1	0	0	1
10		Elective1.	20	0	5	0	0	0	25	1	0	0	1
11		Elective1.	35	10	5	0	0	0	50	1	0	0	1
12		Elective1.	20	0	5	0	0	0	25	1	0	0	1
13		Elective1.	35	10	5	0	0	0	50	1	0	0	1
<b>Total Credits</b>												<b>31</b>	

Newly Added Courses



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 6th

.No.	Course Code	Course Name	Maximum Marks Allotted						Credits Allotted			Total Credit	
			Theory			Practical			Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BP601T	Medicinal Chemistry III	75	15	10	0	0	0	100	3	1	0	4
2	BP602T	Pharmacology III	75	15	10	0	0	0	100	3	1	0	4
3	BP603T	Herbal Drug Technology	75	15	10	0	0	0	100	3	1	0	4
4	BP604T	Biopharmaceutics and Pharmacokinetics	75	15	10	0	0	0	100	3	1	0	4
5	BP605T	Pharmaceutical Biotechnology	75	15	10	0	0	0	100	3	1	0	4
6	BP606T	Quality Assurance	75	15	10	0	0	0	100	3	1	0	4
7	BP607P	Medicinal Chemistry III	0	0	0	35	10	5	50	0	0	2	2
8	BP608P	Pharmacology III	0	0	0	35	10	5	50	0	0	2	2
9	BP609P	Herbal Drug Technology	0	0	0	35	10	5	50	0	0	2	2
10		Elective2.	20	0	5	0	0	0	25	1	0	0	1
11		<a href="#">Elective2.</a>	35	10	5	0	0	0	50	1	0	0	1
12		<a href="#">Elective2.</a>	35	10	5	0	0	0	50	1	0	0	1
13		<a href="#">Elective2.</a>	20	0	5	0	0	0	25	1	0	0	1
<b>Total Credits</b>												<b>34</b>	

[Newly Added Courses](#)



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 7th

.No.	Course Code	Course Name	Maximum Marks Allotted						Credits Allotted			Total Credit	
			Theory			Practical			Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva					
1	BP-701T	Instrumental Methods of Analysis	75	15	10	0	0	0	100	3	1	0	4
2	BP702T	Industrial Pharmacy II	75	15	10	0	0	0	100	3	1	0	4
3	BP703T	Pharmacy Practice	75	15	10	0	0	0	100	3	1	0	4
4	BP704T	Novel Drug Delivery System	75	15	10	0	0	0	100	3	1	0	4
5	BP705P	Instrumental Methods of Analysis	0	0	0	35	10	5	50	0	0	2	2
6	BP706PS	Practice School *	0	0	0	100	25	25	150	0	0	6	6
											<b>Total Credits</b>	<b>24</b>	

[Newly Added Courses](#)



**STUDY AND EVALUATION SCHEME (2023-2024)**  
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rogramme: BPharm(BPharm)

Semester: 8th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva					
1	BP801T	Biostatistics and Research Methodology	75	15	10	0	0	0	100	3	1	0	4
2	BP802T	Social and Preventive Pharmacy	75	15	10	0	0	0	100	3	1	0	4
3	BP813PW	Project Work	0	0	0	100	25	25	150	0	0	6	6
4		Elective3.	75	15	10	0	0	0	100	3	1	0	4
5		Elective3.	75	15	10	0	0	0	100	4	0	0	4
											<b>Total Credits</b>	<b>22</b>	

[Newly Added Courses](#)





## List of Elective Subjects

Course Code	Course Name	Subject Type	Semester
ET	Online certified courses related to Pharmacy I *	Elective1.	5th
ET	International Regulatory Requirements for Good Manufacturing Practices	Elective1.	5th
ET	Pharmaceutical Product Development	Elective1.	5th
ET	Purification of Pharmaceutical Compounds	Elective1.	5th
ET	Introduction to intellectual property rights	Elective1.	5th
ET	Online certified courses related to Pharmacy II *	Elective2.	6th
ET	Artificial intelligence in Pharmaceutical	Elective2.	6th
ET	Good Manufacturing in Pharma	Elective2.	6th
ET	Healthcare Marketplace Capstone	Elective2.	6th
ET	Pharma Marketing Management	Elective3	8th
ET	Quality Control and Standardization of Herbals	Elective3	8th
ET	Computer Aided Drug Design	Elective3	8th
ET	Cell and Molecular Biology	Elective3	8th
ET	Cosmetic Science	Elective3	8th
ET	Experimental Pharmacology	Elective3	8th
ET	Advanced Instrumentation Techniques	Elective3	8th
ET	Dietary Supplements and Nutraceuticals	Elective3	8th
ET	Pharmaceutical Regulatory Science	Elective3.	8th
ET	Pharmacovigilance	Elective3.	8th