



**AMITY UNIVERSITY**  
MADHYA PRADESH

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**Bachelor of Pharmacy (B.Pharmacy)**

**Programme Code: BP**

**Duration – 4 Years Full Time**

**Programme Structure  
And  
Curriculum & Scheme of Examination**

**Batch: 2023 - 2027**

**AMITY UNIVERSITY**  
**MADHYA PRADESH**

*H. Kamalakar*



*Apshani*  
Registrar  
Amity University Madhya Pradesh  
Gwalior

## PROGRAMME STRUCTURE

### FIRST SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP101T	Human Anatomy and Physiology I – Theory	3	1	-	4	
BP102T	Pharmaceutical Analysis I – Theory	3	1	-	4	
BP103T	Pharmaceutics I – Theory	3	1	-	4	
BP104T	Pharmaceutical Inorganic Chemistry- Theory	3	1	-	4	
BP105T	Communication skills – Theory *	2	-	-	2	
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	-	2	
BP107P	Human Anatomy and Physiology – Practical	-	-	4	2	
BP108P	Pharmaceutical Analysis I – Practical	-	-	4	2	
BP109P	Pharmaceutics I – Practical	-	-	4	2	
BP110P	Pharmaceutical Inorganic Chemistry- Practical	-	-	4	2	
BP111P	Communication skills – Practical*	-	-	2	1	
BP112RBP	Remedial Biology – Practical*	-	-	2	1	
FLU144	French-I	2	-	-	2	
BSU143	Behavioral Science-I	1	-	-	1	
	<b>TOTAL</b>				<b>33</b>	

### SECOND SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP201T	Human Anatomy and Physiology II – Theory	3	1	-	4	
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	-	4	
BP203T	Biochemistry – Theory	3	1	-	4	
BP204T	Pathophysiology – Theory	3	1	-	4	
BP205T	Computer Applications in Pharmacy – Theory *	3	-	-	3	
BP206T	Environmental sciences – Theory *	3	-	-	3	
BP207P	Human Anatomy and Physiology II – Practical	-	-	4	2	
BP208P	Pharmaceutical Organic Chemistry I – Practical	-	-	4	2	
BP209P	Biochemistry – Practical	-	-	4	2	
BP210P	Computer Applications in Pharmacy – Practical*	-	-	2	1	
BCU241	Communication Skills-II	1	-	-	1	
FLU244	French-II	2	-	-	2	
BSU243	Behavioral Science-II	1	-	-	1	
	<b>TOTAL</b>				<b>33</b>	

*S. Hirankalast*



*Ajshkani*  
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### THIRD SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	-	4	
BP302T	Physical Pharmaceutics I – Theory	3	1	-	4	
BP303T	Pharmaceutical Microbiology – Theory	3	1	-	4	
BP304T	Pharmaceutical Engineering – Theory	3	1	-	4	
BP305P	Pharmaceutical Organic Chemistry II – Practical	-	-	4	2	
BP306P	Physical Pharmaceutics I – Practical	-	-	4	2	
BP307P	Pharmaceutical Microbiology – Practical	-	-	4	2	
BP 308P	Pharmaceutical Engineering –Practical	-	-	4	2	
BCU341	Communication Skills-III	1	-	-	1	
FLU344	French-III	2	-	-	2	
BSU343	Behavioral Science-III	1	-	-	1	
	<b>TOTAL</b>				<b>28</b>	

### FOURTH SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	-	4	
BP402T	Medicinal Chemistry I – Theory	3	1	-	4	
BP403T	Physical Pharmaceutics II – Theory	3	1	-	4	
BP404T	Pharmacology I – Theory	3	1	-	4	
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	-	4	
BP406P	Medicinal Chemistry I – Practical	-	-	4	2	
BP407P	Physical Pharmaceutics II – Practical	-	-	4	2	
BP408P	Pharmacology I – Practical	-	-	4	2	
BP409P	Pharmacognosy and Phytochemistry I – Practical	-	-	4	2	
BCU441	Communication Skills-IV	1	-	-	1	
FLU444	French-IV	2	-	-	2	
BSU443	Behavioral Science-IV	1	-	-	1	
	<b>TOTAL</b>				<b>32</b>	

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### FIFTH SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
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	
BCU541	Communication Skills-V	1	-	-	1	
FLU544	French-V	2	-	-	2	
BSU543	Behavioral Science-V	1	-	-	1	
	<b>TOTAL</b>				<b>30</b>	

### SIXTH SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
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	
BCU641	Communication Skills-VI	1	-	-	1	
FLU644	French-VI	2	-	-	2	
BSU643	Behavioral Science-VI	1	-	-	1	
	<b>TOTAL</b>				<b>34</b>	

### INDUSTRIAL TRAINING IN SUMMER BREAK

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## SEVENTH SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP701T	Instrumental Methods of Analysis – Theory	3	1	-	4	
BP702T	Industrial Pharmacy II – Theory	3	1	-	4	
BP703T	Pharmacy Practice – Theory	3	1	-	4	
BP704T	Novel Drug Delivery System – Theory	3	1	-	4	
BP705P	Instrumental Methods of Analysis – Practical	-	-	4	2	
BP706PS	Practice School*	12	-	-	6	
BCU741	Communication Skills-VII	1	-	-	1	
FLU744	French-VII	2	-	-	2	
BSU743	Behavioral Science-VII	1	-	-	1	
	<b>TOTAL</b>				<b>28</b>	

## EIGHTH SEMESTER

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Total Credits	Page No.
BP801T	Biostatistics and Research Methodology	3	1	-	4	
BP802T	Social and Preventive Pharmacy	3	1	-	4	
BP803ET	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	-	4 + 4 = 8	
BP804ET	Pharmaceutical Regulatory Science			-		
BP805ET	Pharmacovigilance			-		
BP806ET	Quality Control and Standardization of Herbals			-		
BP807ET	Computer Aided Drug Design			-		
BP808ET	Cell and Molecular Biology			-		
BP809ET	Cosmetic Science			-		
BP810ET	Experimental Pharmacology			-		
BP811ET	Advanced Instrumentation Techniques			-		
BP812ET	Dietary Supplements and Nutraceuticals			-		
BP813PW	Project Work	12	-	-	1	
BCU841	Communication Skills-VIII	1	-	-	2	
FLU844	French-VIII	2	-	-	1	
BSU843	Behavioral Science-VIII	1	-	-	1	
	<b>TOTAL</b>				<b>20</b>	

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