



JSPM UNIVERSITY PUNE

Recognized by UGC u/s 2 (f) of UGC Act 1956 and enacted by the
State Government of Maharashtra - JSPM University Act, 2022 (Mah.IV of 2023)

JSPM University Pune
Faculty of Health Sciences
School of Pharmaceutical Sciences



Pharmacy Council of India New Delhi
aligned Curriculum Structure
for

M. Pharm

(Effective from AY: 2024-25)



JSPM University Pune

FACULTY OF HEALTH SCIENCES

SCHOOL OF PHARMACEUTICAL SCIENCES

FIRST YEAR MASTER OF PHARMACY
(PHARMACEUTICAL QUALITY ASSURANCE)

COURSE STRUCTURE
(AS PER RULES AND REGULATIONS OF PHARMACY COUNCIL OF INDIA, NEW DELHI)
2023-2024

W. E. F.

RELEASE DATE

01/07/2023

REVISION NO.

0.0 (PCI, New Delhi)

SEMESTER I

EXAMINATION SCHEME AND MARKS

COURSE			TEACHING SCHEME				THEORY							PRACTICAL			ORAL		TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION (Marks)	END SEMESTER EXAMINATION (Marks)				
			L	T	P	EL	Continuous Mode (Marks)	Sessional exams (Marks)	Total CIE Marks		Continuous Mode (Marks)	Sessional exams (Marks)	Total CIE Marks							
NA	MQA101T	Modern Pharmaceutical Analytical Techniques	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4		
NA	MQA102T	Quality Management System	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4		
NA	MQA103T	Quality Control and Quality Assurance	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4		
NA	MQA104T	Product Development and Technology Transfer	4	-	-	-	10	15	25	75	-	-	-	-	-	-	150	6		
NA	MQA105P	Pharmaceutical Quality Assurance Practical I	-	-	12	-	-	-	-	-	20	30	50	100	-	-	100	4		
NA	MQA106	Seminar/Assignment	-	-	8	-	-	-	-	-	-	-	-	100	-	-	650	26		
TOTAL			16	0	20	0	40	60	100	300	20	30	50	200	-	-				

Ar. Bhalerao

Dr. A. V. Bhalerao
Programme Coordinator

Dr. Anuradha S. Deshpande

Dr. Anuradha S. Deshpande
Associate Dean (Academics)

Dr. M. D. Burande
Dr. M. D. Burande
Director, School of Pharmaceutical Sciences

Dr. S. B. Wankhede
Dr. S. B. Wankhede
Dean, Faculty of Health Sciences

Prof. B. B. Ahuja
Prof. B. B. Ahuja
Vice Chancellor, JSPM University Pune

Vice Chancellor
JSPM University
Pune

EL-Experiential Learning
Rev. Date:01/07/2023



L-Lecture

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T-Tutorial

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SEMESTER II

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS										TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY				PRACTICAL			ORAL				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION (Marks)	END SEMESTER EXAMINATION (Marks)		
							Continuous Mode (Marks)	Sessional exams (Marks)	Total (Marks)		Continuous Mode (Marks)	Sessional exams (Marks)	Total (Marks)					
NA	MQA201T	Hazards and Safety Management	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4
NA	MQA202T	Pharmaceutical Validation	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4
NA	MQA203T	Audits and Regulatory Compliance	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4
NA	MQA204T	Pharmaceutical Manufacturing Technology	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4
NA	MQA205P	Pharmaceutical Quality Assurance Practical II	-	-	12	-	-	-	-	-	20	30	50	100	-	-	150	6
NA	MQA206	Seminar/Assignment	-	-	8	-	-	-	-	-	-	-	-	100	-	-	100	4
NA	MQA207	Internship	4-6 Weeks				-	-	-	-	-	-	-	-	50	50	100	2
TOTAL			16	0	20	0	40	60	100	300	20	30	50	200	-	-	750	28

Arbalee
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A. S. Deshpande
Dr. Anuradha S. Deshpande
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SCHOOL OF PHARMACEUTICAL SCIENCES

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2025-2026

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01/07/2025

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SEMESTER III

COURSE		TEACHING SCHEME	EXAMINATION SCHEME AND MARKS													TOTAL	CREDITS	
TYPE	CODE	COURSE NAME	Hours / Week				THEORY				PRACTICAL			ORAL				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION		END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION (Marks)	END SEMESTER EXAMINATION (Marks)			
							Continuous mode (Marks)	Sessional exams (Marks)	Total (Marks)		Continuous mode (Marks)	Sessional exams (Marks)						Total (Marks)
NA	MRM301T	Research Methodology and Biostatistics*	4	-	-	-	10	15	25	75	-	-	-	-	-	-	100	4
NA	MQA302	Journal Club	1	-	-	-	-	-	-	-	-	-	-	-	25	-	25	1
NA	MQA303	Discussion / Presentation (Proposal Presentation)	2	-	-	-	-	-	-	-	-	-	-	-	50	-	50	2
NA	MQA304	Research Work	-	-	28	-	-	-	-	-	-	-	-	350	-	-	350	14
TOTAL			7	0	28	0	10	15	25	75	-	-	-	350	75	-	525	21
MLC#	250HPSB02_03	Nutraceuticals and Functional Foods	1							50							50	1

*Non-University Examination

MBhalerao

Dr. A. V. Bhalerao
Programme Coordinator

Apal

Dr. Anuradha S. Deshpande
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M. D. Burande

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SEMESTER IV

COURSE		TEACHING SCHEME	EXAMINATION SCHEME AND MARKS													TOTAL	CREDITS			
TYPE	CODE	COURSE NAME	Hours / Week				THEORY				PRACTICAL			ORAL						
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION			END SEMESTER EXAMINATION (Marks)	CONTINUOUS INSEMESTER EVALUATION (Marks)			END SEMESTER EXAMINATION (Marks)		
							Continuous mode (Marks)	Sessional exams (Marks)	Total (Marks)		Continuous mode (Marks)	Sessional exams (Marks)	Total (Marks)							
NA	MQA401	Journal Club	1	-	-	-	-	-	-	-	-	-	-	-	-	25	-	25	1	
NA	MQA402	Discussion / Presentation (Proposal Presentation)	3	-	-	-	-	-	-	-	-	-	-	-	-	75	-	75	3	
NA	MQA403	Research work and Colloquium	-	-	32	-	-	-	-	-	-	-	-	400	-	-	-	-	2-7	
NA	MQA404	Co-curricular Activities	-	-	-	-	-	-	-	-	-	-	-	400	100	-	-	500	22*	
TOTAL			4	0	32	0	-	-	-	-	-	-	-	400	100	-	-	500	27*	
MLC [†]	230UPO B02_04	Introduction to Indian Constitution	1	-	-	-	-	-	50	-	-	-	-	-	-	-	-	-	50	1

*Credit Points for Co-curricular Activities (Minimum 2 maximum 7)



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