



**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 Behavioural and Forensic Sciences**



**NEP aligned Curriculum Structure**

**for**

**M.Sc. (Forensic Science)**

**(Effective from AY: 2024-25)**



# JSPM University Pune

FACULTY OF HEALTH SCIENCES

SCHOOL OF BEHAVIOURAL AND FORENSIC SCIENCES

## COURSE STRUCTURE (NEP 2020 Aligned)

W. E. F

2024-2025

RELEASE DATE

01/07/2024

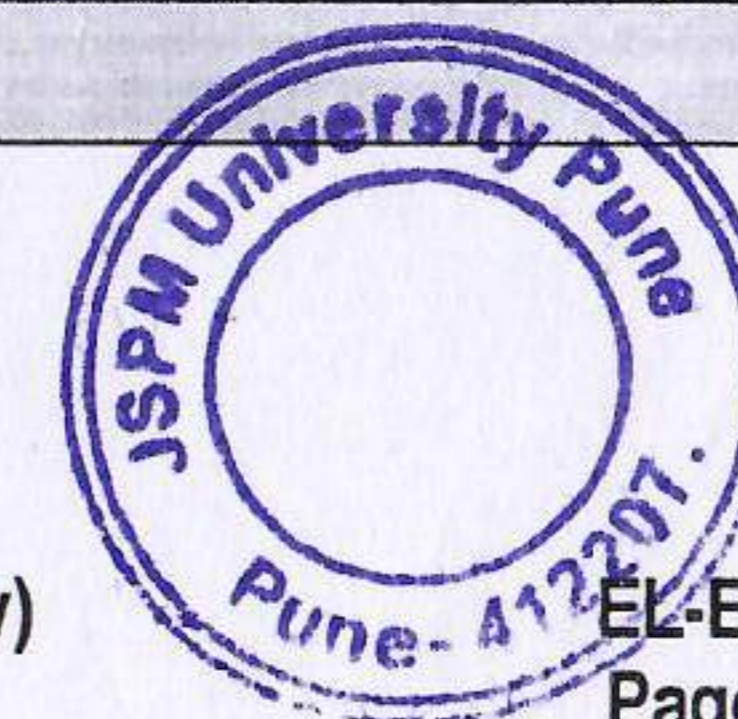
FIRST YEAR MASTER OF SCIENCE (FORENSIC SCIENCE)

REVISION NO.

0.0 (NEP)

### SEMESTER I (LEVEL 6.5)

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)			PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assign-ments (40 Marks)							
PCC	231HFGM01_01	Advanced Instrumental Methods	2	1	-	-	30	30	40	100	-	-	-	-	100	3
	231HFGM02_01	General Forensic Science and Crime Scene Investigation	2	1	-	2	30	30	40	100	-	-	-	-	100	3.5
	240HFGM04_01	Fingerprint Forensics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
MMC	-	Multi-disciplinary Minor Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2
SEC	230UPYM23_01	Behavioral Forensics	2	-	2	-	-	-	-	-	50	50	50	50	100	3
VSC (HSMC)	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5
AEC (HSMC)	230UENM01_01	Communicative English for Professionals	1	-	2	-	30	30	40	50	-	-	-	-	50	2
RMC	230IRMM01_01	Research Methodology	2	-	-	-	30	30	40	50	-	-	-	-	50	2
LC	231HFGM15_01	General Forensic Science and Crime Scene Investigation Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
	231HFGM16_01	Advanced Instrumental Methods Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
	240HFGM05_01	Fingerprint Forensics Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
TOTAL			13	2	12	4									750	22



Sem.	Multi-disciplinary Minor Course (MMC)		
I	Course Code	230GCSB132_01	230GMEB52_01
	Course Name	Introduction to Cyber Security and Laws	3-D Printing
II	Course Code	230GSCB91_02	240GFRB51_02
	Course Name	Fundamentals of C Language	Safety Management

*for*  
*Asapko*

**Dr. Divya Kottadiyil**  
Programme Coordinator, SBFS

*ASD*

**Dr. Anuradha S. Deshpande**  
Associate Dean (Academics)



*S. B. Wankhede*

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

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



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SCHOOL OF BEHAVIOURAL AND FORENSIC SCIENCES

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FIRST YEAR MASTER OF SCIENCE (FORENSIC SCIENCE)

REVISION NO.

0.0 (NEP)

### SEMESTER II (LEVEL 6.5)

COURSE		TEACHING SCHEME	EXAMINATION SCHEME AND MARKS												C R E D I T S	
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)			T O T A L
			L	T	P	E L	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATI ON (100 / 50 Marks)	CONTINUO US INSEMEST ER EVALUATI ON (50 Marks)	END SEMESTER EXAMINATI ON (50 Marks)	CONTINUO US INSEMEST ER EVALUATI ON (50 Marks)	END SEMESTER EXAMINATI ON (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignm ents (40 Marks)							
PCC	231HFGM04_02	Forensic Chemistry and Toxicology	2	1	-	-	30	30	40	100	-	-	-	-	100	3
	231HFGM05_02	Forensic Biology and Serology	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5
PSBC	231HFGM06_02	Intellectual Property Rights	2	-	-	-	30	30	40	50	-	-	-	-	50	2
MMC	-	Multi-disciplinary Minor Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2
SEC	240HFGM01_02	Forensic Document Examination	2	-	2	-	-	-	-	-	50	50	50	50	100	3
VSC	230IINB02_02	Innovation	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5
AEC (HSMC)	230UENM02_02	Business Communication	1	-	2	-	30	30	40	50	-	-	-	-	50	2
RMC	230IRMM02_02	Research Design and Techniques	2	-	-	-	30	30	40	50	-	-	-	-	50	2
LC	231HFGM17_02	Forensic Chemistry and Toxicology Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
LC	231HFGM18_02	Forensic Biology and Serology Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
IITP/FP/ CEP	230HFGM23_02	Internship/Field Project/Community Engagement Program	4 to 6 weeks				-	-	-	-	-	-	50	50	50	2
TOTAL			13	1	10	4									750	22



Sem.	Multi-disciplinary Minor Course (MMC)		
I	Course Code	230GCSB132_01	230GMEB52_01
	Course Name	Introduction to Cyber Security and Laws	3-D Printing
II	Course Code	230GSCB91_02	240GFRB51_02
	Course Name	Fundamentals of C Language	Safety Management

*for*  
*[Signature]*

**Dr. Divya Kottadiyil**  
Programme Coordinator, SBFS

*[Signature]*  
**Dr. Anuradha S. Deshpande**  
Associate Dean (Academics)



*[Signature]*

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

*[Signature]*  
**Prof. B.B. Ahuja**  
Vice Chancellor, JSPM University Pune



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## COURSE STRUCTURE (NEP 2020 Aligned)

FACULTY OF HEALTH SCIENCES

W. E. F

2025-2026

SCHOOL OF BEHAVIOURAL AND FORENSIC SCIENCES

RELEASE DATE

01/07/2025

SECOND YEAR MASTER OF SCIENCE (FORENSIC SCIENCE)

REVISION NO.

0.0 (NEP)

### SEMESTER III (LEVEL 7.0)

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)			PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PEC	-	Programme Elective Course-I	3	-	-	-	30	30	40	100	-	-	-	-	100	3
	-	Programme Elective Course-II	3	-	-	-	30	30	40	100	-	-	-	-	100	3
IOC	-	Interdisciplinary Open Course-I	2	-	-	-	30	30	40	100	-	-	-	-	100	2
	-	Interdisciplinary Open Course-II	2	-	-	-	30	30	40	100	-	-	-	-	100	2
VEC/EEC	230UPYB69_03	Ethical Values in Forensic Science	2	-	-	-	30	30	40	50	-	-	-	-	50	2
PROJ	231HFGM22_03	Field Project	-	-	4	8	-	-	-	-	50	50	50	50	100	4
SLC	231HFGM21_03	Seminar	-	-	-	8	-	-	-	-	-	-	50	50	50	2
<b>TOTAL</b>			<b>12</b>	<b>-</b>	<b>4</b>	<b>16</b>									<b>600</b>	<b>18</b>
MLC#	-	Audit Course 1	1	-	-	-	-	-	-	50	-	-	-	-	50	1



SEM- III	Programme Elective Course (P)		
	Specialization	Biology	Insurance
PEC I	Course Code	250HFGM05_03	250HFGM06_03
	Course Name	Molecular Forensics	Insurance Investigation
PEC II	Course Code	230HFSB74	250HFGM07_03
	Course Name	Wildlife Forensics	Claims Forensics
SEM-IV	Programme Elective Course (PEC)		
	Specialization	Physics	Digital
PEC III	Course Code	250HFSB85_03	250HFSB86_03
	Course Name	Forensic Physical studies	Digital Evidence and Investigation
PEC IV	Course Code	250HFSB87_04	250HFSB70_04
	Course Name	Firearm Forensics	Multimedia Forensics

Sem-III	Interdisciplinary Open Course (IOC)		
IOC I	Course Code	230GETB45_03	230GCSB23_03
	Course Name	Mobile and Wireless Network Security	Fundamentals of Data Science
IOC II	Course Code	230VBCB16_03	230GCSB151_03
	Course Name	Financial Fraud	Artificial Intelligence for Everyone
			230UPYB68_03
			Forensic Psychology
			230VMSM12_03
			Fundamentals of Human Resource Management

Course	Mandatory Learning Course (MLC)#		
	Sem.	Semester-III	Semester-IV
	Course Code	240HFSB08_03	230UPOB02_03
	Course Name	Forensic Lab skills and Good Laboratory Practices	Introduction to Indian Constitution

*M. Sapkota*

Ms. Megha D. Sapkota  
Programme Coordinator, M.Sc. Forensic Science

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COURSE STRUCTURE  
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SEMESTER IV (LEVEL 7.0)

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS										CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)		TOTAL		
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)			
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)								
PEC	-	Programme Elective Course-III	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
	-	Programme Elective Course-IV	3	-	-	-	30	30	40	100	-	-	-	-	100		
PROJ	230HFGM14_04	Project/Internship with Project	-	-	12	24	-	-	-	-	200	200	100	100	300	3	
<b>TOTAL</b>			<b>6</b>	<b>-</b>	<b>12</b>	<b>24</b>											
MLC#	-	Audit Course 2	1	-	-	-	-	-	-	50	-	-	-	-	500	18	
															50	1	



L-Lecture  
Format No.: JSPMUni/ACAD/001


T-Tutorial  
Rev. No.:0.0

P-Practical Session (Laboratory)  
Rev. Date:01/07/2025

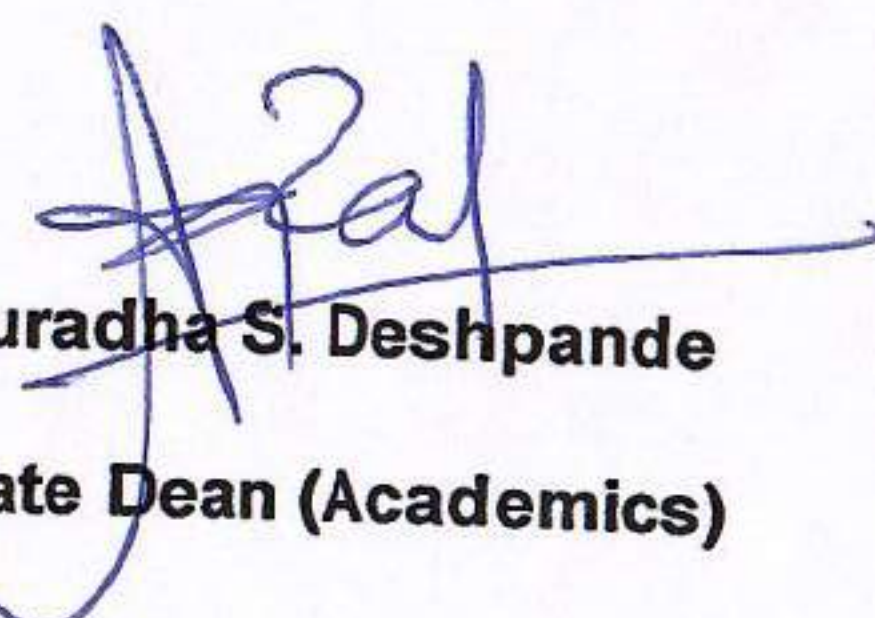
EL-Experiential Learning  
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SEM- III	Programme Elective Course (PEC)		
	Specialization	Biology	
PEC I	Course Code	250HFGM05_03	Insurance
	Course Name	Molecular Forensics	250HFGM06_03
PEC II	Course Code	230HFSB74	Insurance Investigation
	Course Name	Wildlife Forensics	250HFGM07_03
SEM-IV	Programme Elective Course (PEC)		
	Specialization	Physics	
PEC III	Course Code	250HFSB85_03	Digital
	Course Name	Forensic Physical studies	250HFSB86_03
PEC IV	Course Code	250HFSB87_04	Digital Evidence and Investigation
	Course Name	Firearm Forensics	250HFSB70_04
			Multimedia Forensics

Course	Mandatory Learning Course (MLC)#		
	Sem.	Semester-III	Semester-IV
	Course Code	240HFSB08_03	230UPOB02_04
	Course Name	Forensic Laboratory skills and Good Laboratory Practices	Introduction to Indian Constitution

  
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