



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: 2023-24)



JSPM University Pune

FACULTY OF HEALTH SCIENCES

SCHOOL OF BEHAVIOURAL AND FORENSIC SCIENCES

COURSE STRUCTURE
(NEP 2020 Aligned)

W. E. F

2023-2024

RELEASE DATE

01/07/2023

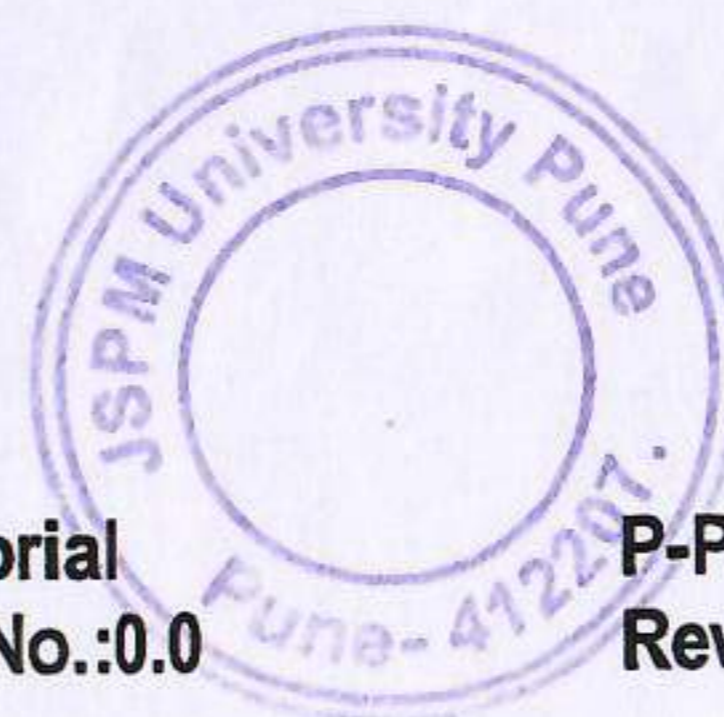
FIRST YEAR MASTER OF SCIENCE (FORENSIC SCIENCE)

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)	Assignments (40 Marks)							
PCC	230HFGM01_01	Advanced Instrumental Methods	2	1	-	-	30	30	40	100	-	-	-	-	100	3
	230HFGM02_01	General Forensic Science and Crime Scene Investigation	2	1	-	2	30	30	40	100	-	-	-	-	100	3.5
	230HFGM03_01	Criminology	2	1	-	-	30	30	40	100	-	-	-	-	100	3
MMC	-	Multidisciplinary Minor Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2
SEC	230HFGM12_01	Body Language and Lie Detection	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	230HFGM15_01	General Forensic Science and Crime Scene Investigation Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
LC	230HFGM16_01	Advanced Instrumental Methods Lab	-	-	2	-	-	-	-	-	-	-	50	-	50	1
TOTAL			13	3	10	4									750	22



Sem.	Multi-disciplinary Minor Course (MMC)		
I	Course Code	230HFGM11_01	230GMEB52_01
	Course Name	Cyber Security and Privacy	3-D Printing
II	Course Code	230HFGM07_02	240GFRB51_02
	Course Name	C and C++ Programming Languages	Safety Management

K. Divya

Dr. Divya Kottadiyil
Programme Coordinator, SBFS



S. B. Wankhede

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

A. S. Deshpande

Dr. Anuradha S. Deshpande
Associate Dean (Academics)

B. B. Ahuja

Prof. B.B. Ahuja
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FIRST YEAR MASTER OF SCIENCE (FORENSIC SCIENCE)

SEMESTER II (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)	Assignments (40 Marks)								
PCC	230HFGM04_02	Forensic Chemistry, Toxicology and Medicine	2	-	-	-	30	30	40	100	-	-	-	-	100	2	
	230HFGM05_02	Forensic Biology and Serology	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5	
PSBC	230HFGM06_02	Intellectual Property Rights	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
MMC	-	Multidisciplinary Minor Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2	
SEC	230HFGM13_02	DNA Forensics	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	230IRMM06_02	Research in Forensics	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
LC	230HFGM17_02	Forensic Chemistry, Toxicology and Medicine Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
LC	230HFGM18_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			14	-	10	4									800	22	

Note: A Postgraduate Diploma will be awarded if a student exits after first year.

For Exit at the end of first year the student must complete: (Total credits = 8)

a) An internship / OJT of 8 - 10 weeks (4 credits)

b) Additional Course 1 (4 credits) (Vocational Skill Course (VSC) / Skill Enhancement Course (SEC))

L-Lecture

Format No.: JSPMUni/ACAD/001

T-Tutorial

Rev. No.:0.0

P-Practical Session (Laboratory)

Rev. Date:01/07/2023



EL-Experiential Learning

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II	Course Code	230HFGM07_02	240GFRB51_02
	Course Name	C and C++ Programming Languages	Safety Management

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2024-2025

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SEMESTER III (LEVEL 7)

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)							
PCC	230HFGM08_03	Fingerprint and Document Forensics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
PCC	230HFGM09_03	Forensic Physics and Ballistics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
PEC	-	Programme Elective Course	3	-	-	-	30	30	40	100	-	-	-	-	100	2
IOC	-	Interdisciplinary Open Course	2	-	-	-	30	30	40	100	-	-	-	-	100	2
	-	Interdisciplinary Open Course	2	-	-	-	30	30	40	100	-	-	-	-	100	2
VEC/EEC	230UPYB69_03	Ethical Values in Forensic Science	2	-	-	-	30	30	40	50	-	-	-	-	50	2
LC	230HFGM10_03	Fingerprint and Document Forensics and Forensic Physics and Ballistics Lab	-	-	4	-	-	-	-	-	50	50	-	-	50	1
SLC	230HFGM21_03	Seminar	-	-	2	-	-	-	-	-	-	-	50	50	100	4
PROJ	230HFGM22_03	Project	-	-	4	8	-	-	-	-	-	-	50	50	100	4
TOTAL			13	-	10	8									650	20



Programme Elective Course (PEC)			
III	Course Code	230HFSB68_03	230HFSB71_03
	Course Name	Insurance Forensics	Forensic Graphology
IV	Course Code	230HFSB72_04	230HFSB74_04
	Course Name	Forensic Linguistics	Wildlife Forensics

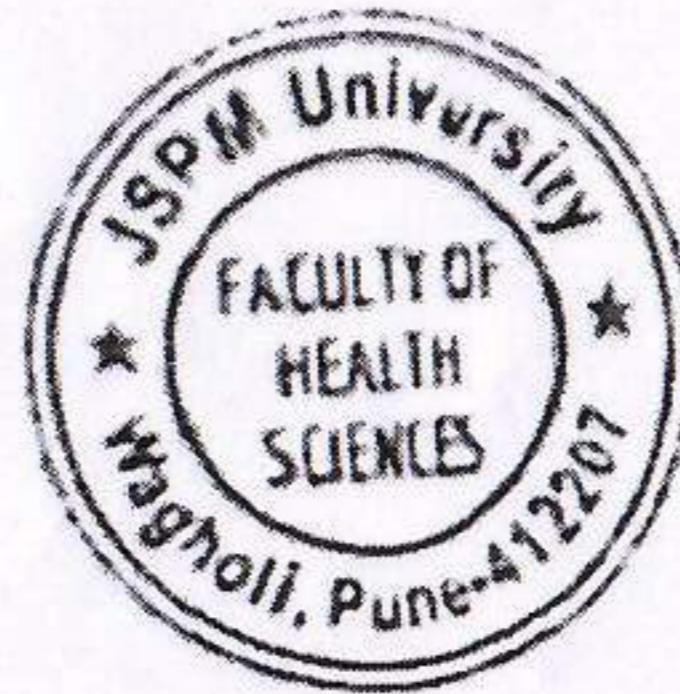
Interdisciplinary Open Course (IOC)					
Sem.	Course Code	230GETB45_03	230VBCB15_03	230UPYB66_03	230VBM21_04
III	Course Name	Mobile and Wireless Network Security	Financial Fraud	Forensic Psychology	Fundamentals of Human Resource Management

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SEMESTER IV (LEVEL 7)

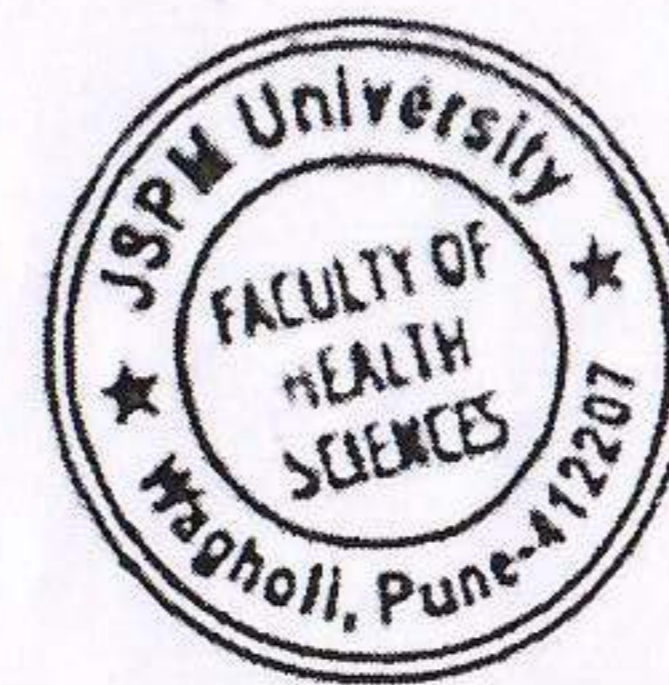
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							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PCC	230HFGM19_04	Digital Forensics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
PEC	-	Programme Elective Course	3	-	-	-	30	30	40	100	-	-	-	-	100	3
LC	230HFGM20_04	Digital Forensics Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
PROJ	230HFGM24_04	Project	-	-	16	16	-	-	-	-	-	-	100	100	200	12
TOTAL			5	-	18	16									400	18



Sem.	Programme Elective Course (PEC)		
III	Course Code	230HFS668 03	230HFS671 03
	Course Name	Insurance Forensics	Forensic Graphology
IV	Course Code	230HFS672 04	230HFS674 04
	Course Name	Forensic Linguistics	Wildlife Forensics

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