



**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**

**B.Sc (Forensic Science)**

**(Effective from AY: 2025-26)**



# 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

01/07/2025

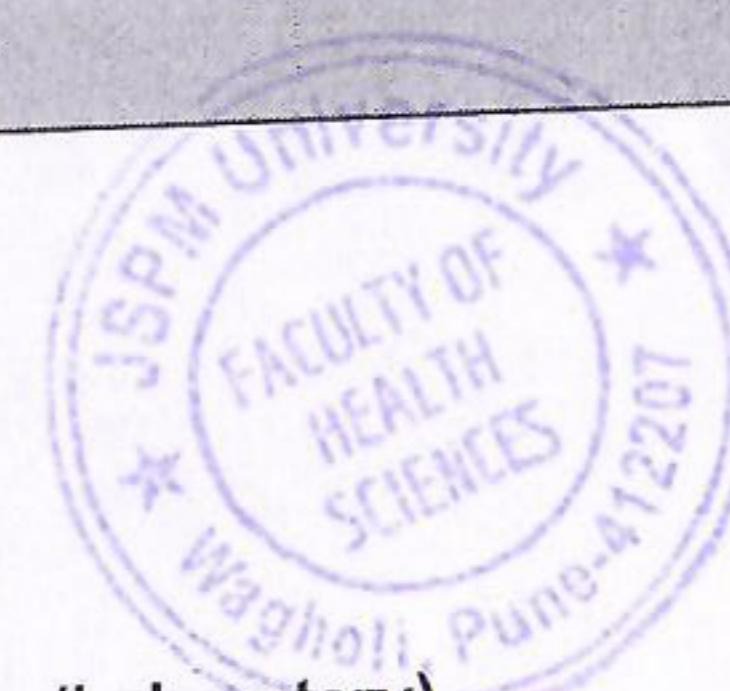
REVISION NO.

1.0 (NEP)

FIRST YEAR BACHELOR OF SCIENCE (FORENSIC SCIENCE)

SEMESTER I (LEVEL 4.5)

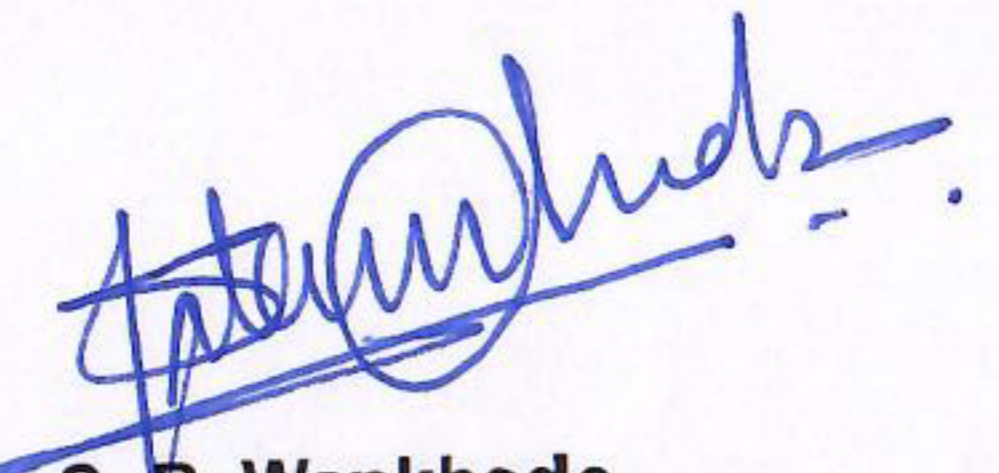
COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)			
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			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	231HFSB01_01	Crime Scene Investigation and Evidences	2	1	-	2	30	30	40	100	-	-	-	-	100	3.5
	231HFSB02_01	Introduction to Forensic Science	2	1	-	2	30	30	40	100	-	-	-	-	100	2
IOC	-	Interdisciplinary Open Course	2	-	-	-	30	30	40	100	-	-	-	-	100	3
SEC	231HFGM12_01	Body Language and Lie Detection	2	-	2	-	-	-	-	-	50	50	50	50	100	3
VSC	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	-	-	-	-	-	-	50	2
AEC (HSMC)	230UENB01_01	Effective Communication Skills	1	-	2	-	30	30	40	50	-	-	-	-	50	2
IKS	250UIKB03_01	Approaches to investigation and inquiry in early India	2	-	-	-	30	30	40	50	-	-	-	-	50	2
VEC/EEC (HSMC)	230GCEB03_01	Environment Policy and Legislations	2	-	-	-	30	30	40	50	-	-	-	-	50	1
LC	231HFSB04_01	Crime Scene Investigation and Evidences Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1.5
LLC	231UPYB02_01	Mindfulness and Wellbeing	1	-	-	2	-	-	-	-	-	-	-	50	50	1.5
<b>TOTAL</b>			<b>15</b>	<b>2</b>	<b>6</b>	<b>8</b>									<b>700</b>	<b>22</b>



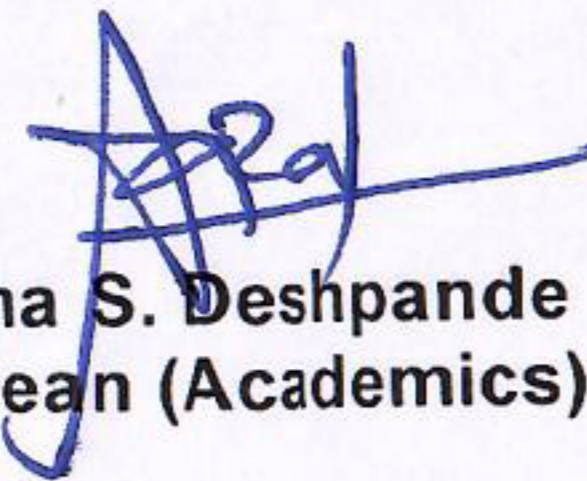
Interdisciplinary Open Course (IOC)				
Sem.	Name of Faculty	Faculty of Science and Technology	Faculty of Business Management and Commerce	Faculty of Education and Humanities
I	Course Code	230GCSB23_02	230VBCB04_01	250ULBB02_01
	Course Name	Foundation of Data Science	Basics of Accounting	Criminal Justice and Forensics
II	Course Code	230GCSB151_04	230VBCB16_02	250HPSB08_02
	Course Name	Artificial Intelligence for Everyone	Financial Fraud	Basic Human Anatomy and Physiology
III	Course Code	230GCSB124_03	230VBBB42_03	230UPYB68_03
	Course Name	Basics of Machine Learning	Introduction to Human Resource Management	Forensic Psychology



**Ms. Rashmi Kadu**  
Programme Coordinator, B.Sc. Forensic Science

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



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



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



# 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

01/07/2025

FIRST YEAR BACHELOR OF SCIENCE (FORENSIC SCIENCE)

REVISION NO.

1.0 (NEP)

SEMESTER II (LEVEL 4.5)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS										CREDITS
			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)								
PCC	231HFSB08_02	Instrumental Methods of Analysis	2	1	-	2	30	30	40	100	-	-	-	-	100	3.5	
	232HFSB09_02	Criminal Justice Administration	2	-	-	-	30	30	40	50	-	-	-	-			
MDM	-	Multi-Disciplinary Minor	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
IOC	-	Interdisciplinary Open Course	2	-	-	-	30	30	40	100	-	-	-	-	50	2	
SEC	230VBCB09_02	Financial Literacy	2	-	2	-	-	-	-	-	50	50	50	50	100	2	
AEC (HSMC)	230UENB02_02	Communicative Proficiency Skills	1	-	2	-	30	30	40	50	-	-	-	-	50	3	
VEC/EEC (HSMC)	230UPYB69_02	Ethical Values in Forensic Science	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
LC	240HFSB01_02	Instrumental Methods of Analysis Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
	-	Multi-Disciplinary Minor Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
LLC	231UPYB01_02	Yoga and Fitness	1	-	-	2	-	-	-	-	-	-	50	-	50	1	
IITP/FP/CEP	230HFSB13_02	Internship/Field Project/Community Engagement Program	4 to 6 weeks				-	-	-	-	-	-	-	50	-	50	1.5
														50		50	2
TOTAL			14	1	8	4									700	22	

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

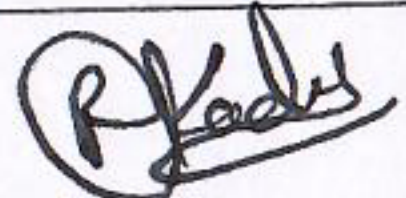
For "Exit" at the end of First Year the student must complete a total of 8 additional credits.

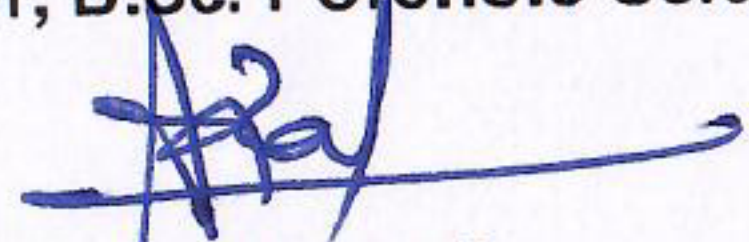
a) An internship / OJT of 8 - 10 weeks (4 credits) over and above semester 2 internship of minimum 4 weeks.

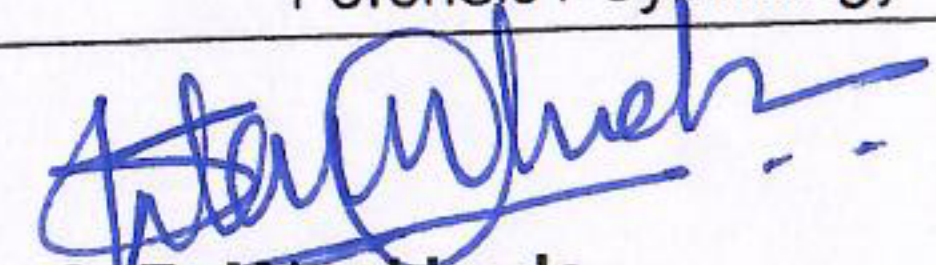
b) Additional one Course of 4 credits (Course offered will be Vocational Skill Course (VSC) or Skill Enhancement Course (SEC) or a mini project).

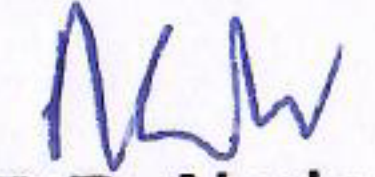
Multi-Disciplinary Minor (MDM)						
Sem.	Specialization	Computer Science	Biology	Chemistry	Mathematics	Physics
II	Course Code	240GCSB195_02	240GBEB01_02	240GCHB40_02	240GMAB51_02	240GPHB24
	Course Name	Fundamentals of Computer Networks and Security	Biochemistry	Atomic Structure and Chemical Bonding	Descriptive Statistics	Basic Physics
III	Course Code	240GCSB196_03	240GBEB02_03	240GCHB41_03	240GMAB52_03	240GPHB25
	Course Name	Introduction to Cybersecurity and Digital Forensics	Molecular Biology	Introduction to Medicinal Chemistry	Introduction to Probability and Distributions	Optics
	Course Code	240GCSB197_03	240GBEB03_03	240GCHB47_03	-	240GPHB26
	Course Name	Introduction to Cybersecurity and Digital Forensics Lab	Molecular Biology Lab	Introduction to Medicinal Chemistry Lab	-	Optics Lab
IV	Course Code	240GCSB198_04	240GBEB04_04	240GCHB42_04	240GMAB53_04	240GPHB27
	Course Name	Digital Data Analysis	Human Biological Sciences	Reaction Mechanisms in Organic Chemistry	Introduction to Statistical Hypothesis Testing	Physics of Semiconductor and Electronic Devices
	Course Code	240GCSB199_04	240GBEB05_04	240GCHB43_04	-	240GPHB28
	Course Name	Digital Data Analysis Lab	Human Biological Sciences Lab	Reaction Mechanisms in Organic Chemistry Lab	-	Physics of Semiconductor and Electronic Devices Lab
V	Course Code	240GCSB200_05	240GBEB06_05	240GCHB44_05	240GMAB54_05	240GPHB29
	Course Name	Cybersecurity and Cyber Laws	Applied Biology	Fundamentals of Nanomaterials	Operation Research and Time Series Analysis	Analytical Instruments and Techniques of Forensic Physics
	Course Code	240GCSB201_05	240GBEB07_05	240GCHB45_05	-	240GPHB30
	Course Name	Cybersecurity and Cyber Laws Lab	Applied Biology Lab	Fundamentals of Nanomaterials Lab	-	Analytical Instruments and Techniques of Forensic Physics Project
VI	Course Code	240GCSB202_06	240GBEB08_06	240GCHB46_06	240GMAB55_06	240GPHB31
	Course Name	Forensic Software and Tools	Bioinformatics and Biotechnology	Natural Products Chemistry	Regression Analysis	Wave Oscillations and Acoustics
	Course Code	240GCSB203_06	240GBEB09_06	240GCHB48_06	-	240GPHB32
	Course Name	Forensic Software and Tools Lab	Bioinformatics and Biotechnology Lab	Natural Products Chemistry Lab	-	Wave Oscillations and Acoustics Lab

Interdisciplinary Open Course (IOC)				
Sem.	Name of Faculty	Faculty of Science and Technology	Faculty of Business Management and Commerce	Faculty of Education and Humanities
I	Course Code	230GCSB23_02	230VBCB04_01	250ULBB02_01
	Course Name	Foundation of Data Science	Basics of Accounting	Criminal Justice and Forensics
II	Course Code	230GCSB151_04	230VBCB16_02	250HPSB03_02
	Course Name	Artificial Intelligence for Everyone	Financial Fraud	Basic Human Anatomy and Physiology
III	Course Code	230GCSB124_03	230VBBB42_03	230UPYB68_03
	Course Name	Basics of Machine Learning	Introduction to Human Resource Management	Forensic Psychology

  
**Ms. Rashmi Kadu**  
 Programme Coordinator, B.Sc. Forensic Science

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

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

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