

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act-XII of 1956)

("A++" Grade, NAAC Accredited)



Scheme of Examination

for

Post Graduate Programme

M.SC. FORENSIC SCIENCE

as per NEP 2020

Curriculum and Credit Framework for Postgraduate Programme

With Multiple Entry-Exit, Internship and CBCS-LOCF

With effect from the session 2024-25 (in phased manner)

DEPARTMENT OF ZOOLOGY

FACULTY OF LIFE SCIENCES

KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119

HARYANA, INDIA

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22/6/24
Chairperson
Dept. of Zoology
K.U. Kurukshetra

Kurukshetra University, Kurukshetra

Scheme of Examination for Postgraduate Programme M.Sc. Forensic Science
as per NEP 2020 Curriculum and Credit Framework for Postgraduate Programmes
(CBCS LOCF) with effect from the session 2024-25 (in phased manner)
Framework-2
Scheme-P

Semester	Course Type	Course Code	Nomenclature of course	Theory (T)/ Practical (P)	Credits		Contact hours per week L: Lecture P: Practical S: Seminar				Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
					Total	L	S	P	Total					
1	CC-1	M24-FSC-101	General Forensic Science	T	4	26	4	0	0	4	30	70	100	3
	CC-2	M24-FSC-102	Instrumental Analysis- I	T	4		4	0	0	4	30	70	100	3
	CC-3	M24-FSC-103	Forensic Biology	T	4		4	0	0	4	30	70	100	3
	CC-4	M24-FSC-104	Forensic Psychology and Statistics	T	4		4	0	0	4	30	70	100	3
	PC-1	M24-FSC-105	Practical based on Papers M24-FSC-101 & M24-FSC-102	P	4		0	0	8	8	30	70	100	4
	PC-2	M24-FSC-106	Practical based on Papers M24-FSC-103 & M24-FSC-104	P	4		0	0	8	8	30	70	100	4
	SEMINAR	M24-FSC-107	Seminar	S	2		0	2	0	2	0	50	50	1
	CC-5	M24-FSC-201	Forensic Chemistry and Toxicology	T	4		26	4	0	0	4	30	70	100
CC-6	M24-FSC-202	Instrumental Analysis II	T	4	4	0		0	4	30	70	100	3	
CC-7	M24-FSC-203	Questioned Document Examination	T	4	4	0		0	4	30	70	100	3	
CC-8	M24-FSC-204	DNA Profiling	T	4	4	0		0	4	30	70	100	3	
PC-3	M24-FSC-205	Practical based on Papers M24-FSC-201 &	P	4	0	0		8	8	30	70	100	4	

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		M24-FSC-202											
PC-4	M24-FSC-206	Practical based on Papers M24-FSC-203 & M24-FSC-204	P	4		0	0	8	8	30	70	100	4
CHM	M24-CHM-201	Constitutional, Human and Moral values, and IPR	T	2		2	0	0	2	15	35	50	3
Internship	M24-INT-200	AN INTERNSHIP COURSE OF 4 CREDITS OF 4-6 WEEKS DURATION DURING SUMMER VACATION AFTER IIND SEMESTER IS TO BE COMPLETED BY EVERY STUDENT. INTERNSHIP CAN BE EITHER FOR ENHANCING THE EMPLOYABILITY OR FOR DEVELOPING THE RESEARCH APTITUDE.								50	50	100	-
CC-9	M24-FSC-301	Forensic Ballistics and Explosives	T	4		4	0	0	4	30	70	100	3
CC-10	M24-FSC-302	Computer Forensics and Recent Advances	T	4		4	0	0	4	30	70	100	3
DEC-1	M24-FSC-303	Forensic Medicine	T	4		4	0	0	4	30	70	100	3
	OR A MOOC Course from Swayam Portal of Equal Credits					-	-	-	-	-	-	-	-
DEC-2	M24-FSC-304	Forensic Anthropology and Biometrics	T	4	26	4	0	0	4	30	70	100	3
	OR A MOOC Course from Swayam Portal of Equal Credits					-	-	-	-	-	-	-	-
PC-5	M24-FSC-305	Practical based on Papers M24-FSC-301 to M24-FSC-302	P	4		0	0	8	8	30	70	100	4
PC-6	M24-FSC-306	Practical based on Papers M24-FSC-303 to M24-FSC-304	P	4		0	0	8	8	30	70	100	4
OEC	FOR FORENSIC STUDENTS					COURSE TO BE OPTED FROM THE POOL OF OEC COURSE OTHER THAN THE ONES OFFERED BY ZOOLOGY DEPARTMENT							
OEC to be offered to the students of other departments	M24-OEC-353	Basics of Forensic Science	T	2		2	0	0	2	15	35	50	3

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4	CC-11	M24-FSC-401	Forensic Physics	T	4	26	4	0	0	4	30	70	100	3
	CC-12	M24-FSC-402	Forensic Dactylography and other impressions	T	4		4	0	0	4	30	70	100	3
	DEC-3	M24-FSC-403	Forensic Genetics, Serology and Bioinformatics	T	4		4	0	0	4	30	70	100	3
		OR A MOOC Course from Swayam Portal of Equal Credits					-	-	-	-	-	-	-	-
	DEC-4	M24-FSC-404	Forensic Pharmacology and Drug Analysis	T	4		4	0	0	4	30	70	100	3
		OR A MOOC Course from Swayam Portal of Equal Credits					-	-	-	-	-	-	-	-
	PC-7	M24-FSC-405	Practical based on Papers M24-FSC-401 to M24-FSC-402	P	4		0	0	8	8	30	70	100	4
	PC-8	M24-FSC-406	Practical based on Papers M24-FSC-403 to M24-FSC-404	P	4		0	0	8	8	30	70	100	4
	EEC	M24-FSC-407	Entrepreneurship Approaches in Forensic Science	T	2		2	0	0	2	15	35	50	3
	OR DISSERTATION													
(NOTE: IF A CANDIDATE IS OFFERED DISSERTATION COURSE, THEN HE/SHE WILL ALSO STUDY CC-11, DEC-3, DEC-4 & EEC FROM ABOVE COURSES OF SEMESTER 4)														
Dissertation/Project work	M24-FSC-408	Dissertation/Project Work	D	12	26	0	0	0	-	0	300	300	-	
TOTAL CREDITS					108	TOTAL MARKS						2700		

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Programme Learning Outcomes (PLOs) for M.Sc. Forensic Science as per NEP-2020

PLOs	Master Degree in Forensic Science
After the completion of Master degree in Forensic Science the student will be able to:	
PLO-1: Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to the Forensic Science .
PLO-2: General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the fields of Forensic Science .
PLO-3: Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks in different domains of the Forensic Science .
PLO-4: Communication Skills	Effectively communicate the attained skills of the Forensic Science in well-structured and productive manner to the society at large.
PLO-5: Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Forensic Science or otherwise.
PLO-6: Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of the Forensic Science enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.
PLO-7: Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.
PLO-8: Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s) that requires new/strategic approaches.
PLO-9: Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.

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