



TECHNO INDIA UNIVERSITY

W E S T B E N G A L

CURRICULUM FOR 2-YEARS M.Sc. FORENSIC SCIENCE



DEPARTMENT OF CHEMISTRY

Techno India University, West Bengal

EM-4, EM Block, Sector V, Bidhannagar,

Kolkata -700091, West Bengal

**First Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-PFS-T101	Introduction to Criminal Law and Criminal Justice System	3	1	0	4
TIU-PFS-T103	Forensic Chemistry	3	1	0	4
TIU-PFS-T105	Forensic Physics	3	1	0	4
TIU-PFS-T107	Forensic Biology	3	1	0	4
Practical					
TIU-PFS-L103	Forensic Physics Lab	0	0	4	2
TIU-PFS-L105	Forensic Chemistry Lab	0	0	4	2
Total Credit					20

**Second Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-PFS-T102	Finger Print Examination & Questioned Document	3	1	0	4
TIU-PFS-T106	Forensic Psychology	3	1	0	4
TIU-PFS-T108	Crime Scene Investigation & Reconstruction	3	1	0	4
TIU-PFS-T110	Forensic analytical chemistry (Instrumentation)	3	1	0	4
Practical					
TIU-PFS-L102	Forensic Lab Course-I (Based on Crime Scene management & Finger Print Examination)	0	0	4	2
TIU-PFS-L104	Forensic Lab Course-II (Based on Question Document Examination)	0	0	4	2
TIU-PFS-S102	Internship/Case Study/Mini Project	0	0	4	2
Total Credits					22

**Third Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-PFS-T201	Digital Forensic	3	1	0	4
TIU-PES-T203	Forensic Evidence and Legal Admissibility	3	1	0	4
TIU-PFS-T205	Forensic Serology and DNA Profiling	3	1	0	4
TIU-PFS-T207	Forensic Toxicology and Drug Analysis	3	1	0	4
TIU-PFS-T209	Forensic Medicine and Pathology	3	1	0	4
Practical					
TIU-PFS-L201	Digital Forensics Lab	0	0	4	2
Total Credits					22

**Fourth Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-PFS-T202	Cyber Law, risk, and Compliance	3	1	0	4
TIU-PFS-T204 TIU-PFS-T206 & TIU-PFS-T208	Specialization paper-I	3	1	0	4
TIU-PFS-T210 & TIU-PES-T212	Elective Paper-I	3	1	0	4
TIU-PES-S204	Project	0	0	16	8
Total Credits					20

Specialization Paper-I

TIU-PFS-T204: Advanced Forensic Biology

TIU-PFS-T206: Advanced Forensic Chemistry

TIU-PFS-T208: Forensic Microbiology

Elective Paper-I

TIU-PFS-T210: Forensic Accounting & Corporate Fraud Investigation

TIU-PFS-T212: Forensic Ballistics