

Maulana Abul Kalam Azad University of Technology, WB
(Formerly known as West Bengal University of Technology)
Syllabus for B.Sc. in Forensic Science
(Effective from academic session 23-24)

Model curriculum structure

Sem	Major (Offline)	Minor (Blended Mode) (Computer chain)	Inter Disciplinary (Offline)	Ability Enhancement (Offline)	Skill Enhancement (Online /Sessional)	Common Value added (SESSIONAL)	Total credits
I	BSFS 101 Introduction to Forensic Science BSFS 191 Lab 1- Introduction to Forensic Science (3L+2P) BSFS 102 Fundamentals of Natural Science BSFS 192 Lab 2 - Fundamentals of Natural Science (3L+2P) 2 sub x 5 credits	M01: Computer Fundamental (3 credits)	Any one from GE baskets Basket A or D (3 credits)	English & Professional Communication (2 credits)	Life Skills & Personality Development (2 credits)	Yoga/ Health & Wellness/ Sports / Physical Fitness and Wellness/Community Services (2 credits)	22
II	BSFS 103 Crime Scene Management and Criminalistics BSFS 193 Lab 3 - Crime Scene Management and Criminalistics (3L+2P) BSFS 104	M02: Management Information System (3 credits)	Any one from GE baskets Basket B or E (3 credits)	Modern Indian Languages and Literature (2 credits)	IT Skills / Monetizing Social Media or Design Thinking (2 credits)	Critical Thinking / NSS/ Mental Health/ Environmental Studies (2 credits)	22

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	Introduction to Instrumentation in Forensic Science BSFS 194 Lab 4 - Introduction to Instrumentation in Forensic Science (3L+2P) 2 sub x 5 credits						
III	BSFS 201 Forensic Chemistry & Toxicology BSFS 291 Lab 5 - Forensic Chemistry & Toxicology (3L+2P) BSFS 202 Forensic Biology BSFS 292 Lab 6 - Forensic Biology (3L+2P) 2 sub x 5 credits	M03: Word and PowerPoint & Spreadsheet Application with Excel (4 credits)	Any one from GE baskets Basket C or F (3 credits)	The Constitution, Human Rights and Law (2 credits)	Understanding basics of Cyber Security (2 credits)		21
IV	BSFS 203 Forensic Physics & Ballistics BSFS 293 Lab 7 - Forensic Physics & Ballistics	M04: Basics of Operating System (4 credits) M05: Graphic Design with Photoshop and Illustrator/ Unix And Shell		Society Culture and Human Behavior / Universal Human Values (UHV) (2 credits)			23

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	<p>(3L+2P) 1 sub x 5 credits BSFS 204 Forensic Medicine & Forensic Entomology Tutorial on Forensic Medicine & Forensic Entomology (3L+1T) BSFS 205 Forensic Psychology Tutorial - Forensic Psychology (3L+1T) 2 sub x 4 credits</p>	<p>Programming (4 credits)</p>				
V	<p>BSFS 301 Forensic Anthropology BSFS 391 Lab 8 - Forensic Anthropology (3L+2P) BSFS 302 Advanced Instrumentation in Forensic Science BSFS 392 Lab 9 - Advanced Instrumentation</p>	<p>M06: Cloud Computing /Introduction to Computer Network (4 credits)</p> <p>M07: E-commerce and Application (4 credits)</p>			<p>Internship to be started after exam of 4th sem (sem break) and completed within 5th sem (weekends) (4 credits)</p>	22

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	in Forensic Science (3L+2P) 2 sub x 5 credits						
VI	BSFS 303 Digital Forensics & Cyber Crime BSFS 393 Lab 10 - Digital Forensics & Cyber Crime (3L+2P) BSFS 304 Forensic Dermatoglyphics BFS 394 Lab 11 - Forensic Dermatoglyphics (3L+2P) 2 sub x 5 credits BSFS 305 Forensic Questioned Documents & Handwriting Analysis BSFS 395 Lab 12 - Forensic Questioned Documents & Handwriting Analysis (2L+2P) 1 sub x 4 credits	M08: Web Development with HTML and CSS (4 credits) M09: Internet and Networking /ERP (4 credits)					22

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VII	<p>BSFS 401 Accident Investigation & Structural Analysis</p> <p>BSFS 491 Lab 13 - Accident Investigation & Structural Analysis (3L+2P)</p> <p>BSFS 402 Research Methodology & Communication Skills Tutorial - Research Methodology & Communication Skills (4L+1T)</p> <p>2 sub x 5 credits</p> <p>BSFS 403 Recent advances in Forensic Science Tutorial on Recent advances in Forensic Science (3L+1T)</p>	<p>M10: Software Project Management /Introduction To Cyber Security and Cyber Laws (4 credits)</p> <p>M11: Digital Marketing/ Data Analysis and Interpretation (4 credits)</p>					22
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	1 sub x 4 credits						
VIII	BSFS 404 Forensic Accounting & Bank Fraud Investigation BSFS 492 Lab 14 - Forensic Accounting & Bank Fraud Investigation (3L+2P) BSFS 405 Multimedia Forensics BSFS 493 Lab 15 - Multimedia Forensics (3L+2P) 2 sub x 5 credits				Research project 12 credits		22
	19 sub - 91 credits	11 sub – 42 credits	3 sub – 09 credits	4 sub – 08 credits	3 sub & Int & Proj - 22 credits	2 sub – 4 credits	176

Note:

Normally all 5 credit courses will be either theory (3) + practical (2) [100+100 marks] or theory (4) + tutorial (1) [100 marks]

Normally all 4 credit courses will be either theory (3) + tutorial (1) or theory (4) [100 marks]

Normally all 3 credit courses will be theory (3) – Inter disciplinary (5 to 6 baskets) [100 marks]

Normally all 2 credit courses AEC/SEC/CVA would be theory or online course

4th year subjects could be foundation of Master's program (as masters would be of 1 year after 4 years UG)

7/8th semester Major subjects could include Projects in core, if required

100/200/300/400 level should be maintained as per UGC document

For online course (Skill Enhancement Course) 2 credits=30 hours.

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