

Curriculum

Bachelors of Science (Hons) - Forensic Science

Scheme 2022-26

| Semester 1 | | | | | | | | | |
|-------------------|-----------------------|------------------------------------------------------------------------|---|---|---|----|--------------------|-----|-----|
| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27T1101 | Fundamentals of Forensic Science and Criminology, Forensic Photography | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 2 | BFS27P1101 | Practicals Criminal Profiling, Practical Forensic Photography | 0 | 0 | 4 | 2 | 50 | | 50 |
| 3 | B110103T/ B010121T | Fundamentals of Biology/Fundamentals of Physics | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 4 | B110103P/ B010122P | Practicals Biology/Physics | 0 | 0 | 2 | 1 | 50 | | 50 |
| 5 | B020101T | Fundamentals of Chemistry | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 6 | B020102P | Quantitative Analysis | 0 | 0 | 2 | 1 | 50 | | 50 |
| 7 | I180101 | Mastering in word and excel and lab | 2 | 0 | 2 | 3 | | | |
| 8 | BLA01148 | Indian Legal Systems for Sciences | 2 | 0 | 0 | 2 | | | |
| 9 | Z010101T | Food, Nutrition and Hygiene | 0 | 0 | 0 | 0 | 20 | 30 | 50 |
| | | Total | | | | 20 | | | |

| Semester 2 | | | | | | | | | |
|-------------------|-------------|-----------------------------------|---|---|---|---|--------------------|-----|-----|
| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27T2101 | Crime Scene Investigations | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 2 | BFS27P2101 | Practicals Crime Scene Management | 0 | 0 | 4 | 2 | 50 | | 50 |

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| 3 | BFS27T2102/BFS27T2103 | Advanced Biology/Physics (Elective) | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 4 | BFS27P2102/BFS27P2103 | Practicals Advanced Biology/Physics | 0 | 0 | 2 | 1 | 50 | | 50 |
| 5 | B020202T | Bioorganic and Medicinal Chemistry | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 6 | B020203P | Biochemical Analysis | 0 | 0 | 2 | 1 | 50 | | 50 |
| 7 | B050204T | Earth and atmospheric disaster management | | | | 1 | | | |
| 8 | I180201 | PC & hardware installation & lab(Vocational) | | | | 3 | | | |
| 9 | Z010101T | First Aid and Health | 2 | 0 | 0 | 2 | 20 | 30 | 50 |
| | | Total | | | | 20 | | | |

| Semester 3 | | | | | | | | | |
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| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27T3104 | Forensic Chemistry and Explosives | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 2 | BFS27P3104 | Practicals Forensic Chemistry and Explosives | 0 | 0 | 2 | 1 | 50 | | 50 |
| 3 | BFS27T3105 | Forensic Physics | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 4 | BFS27P3105 | Practicals Forensic Physics | 0 | 0 | 2 | 1 | 50 | | 50 |
| 5 | B020301T | Chemical Dynamics & Coordination Chemistry | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 6 | B020302P | Physical Analysis | 0 | 0 | 2 | 1 | 50 | | 50 |
| 7 | | Creativity, Innovation, Entrepreneurship & IPR (UC) (4)/Self-study Research (SBAS) | | | 2 | 1 | | | |
| 8 | I180301 | Linex administration & lab | | | | 3 | | | |
| 9 | | Co- Curricular (Physical Education and Yoga) | 2 | 0 | 0 | 2 | 20 | 30 | 50 |

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| | | Total | | | | 20 | | |
|--|--|-------|--|--|--|----|--|--|

| Semester 4 | | | | | | | | | |
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| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27T4101 | Forensic Toxicology | 4 | 0 | 0 | 4 | 20 | 30 | 50 |
| 2 | BFS27P4101 | Practicals Forensic Toxicology | 0 | 0 | 4 | 2 | 50 | | 50 |
| 3 | BFS27T4102 | Forensic Biology and Serology | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 4 | BFS27P4102 | Practicals Forensic Biology and Serology | 0 | 0 | 2 | 1 | 50 | | 50 |
| 5 | B020401T | Quantum Mechanics and Analytical Techniques | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 6 | B020402P | Instrumental Analysis | 0 | 0 | 2 | 1 | 50 | | 50 |
| 7 | | Disruptive technology (UC) (AI Data science IOT Sensor Tran/drone tech and 3 D printing / Or School Specific course | | | | 1 | | | |
| 8 | | Vocational Subject (subjects given below) (3) (Subject will be selected from Track given) | | | | 3 | | | |
| 9 | | Co- Curricular (Human Values and Environment studies) | 2 | 0 | 0 | 2 | 30 | 20 | 50 |
| | | Total | | | | 20 | | | |

| Semester 5 | | | | | | | | | |
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| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27T5101 | Fundamentals of Questioned Documents | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 2 | BFS27P5101 | Practicals Questioned Document | 0 | 0 | 4 | 2 | 50 | | 50 |
| 3 | BFS27T5102 | Fundamental to Fingerprints | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 4 | BFS27P5102 | Practicals Fingerprints | 0 | 0 | 2 | 1 | 50 | | 50 |
| 5 | BFS27T5103 | Forensic Medicine | 3 | 0 | 0 | 3 | 20 | 30 | 50 |

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| 6 | BFS27P5103 | Practicals Identification | Personal | 0 | 0 | 2 | 1 | 50 | | 50 |
| 7 | BFS27T5104 | Forensic Ballistics | | 3 | 0 | 0 | 3 | 20 | 30 | 50 |
| 8 | BFS27P5104 | Practicals Forensic Ballistics | | 0 | 0 | 2 | 1 | 50 | | 50 |
| 9 | BFS27P5105 | Training + Survey (In-House+ OUT-HOUSE) | | 0 | 0 | 6 | 3 | 50 | | 50 |
| | | Total | | | | | 20 | | | |

| Semester 6 | | | | | | | | | | |
|------------|-------------|----------------------------------------------------------------------------------------------|---|---|---|----|--------------------|-----|-----|--|
| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | | |
| | | | L | T | P | C | IA | CAT | ETE | |
| 1 | BFS27T6101 | DNA Profiling | 4 | 0 | 0 | 4 | 20 | 30 | 50 | |
| 2 | BFS27P6101 | Practicals DNA Profiling | 0 | 0 | 2 | 1 | 50 | | 50 | |
| 3 | BFS27T6102 | Forensic Anthropology | 4 | 0 | 0 | 4 | 20 | 30 | 50 | |
| 4 | BFS27P6102 | Practicals Forensic Anthropology | 0 | 0 | 2 | 1 | 50 | | 50 | |
| 5 | BFS27T6103 | Cyber Forensics | 4 | 0 | 0 | 4 | 20 | 30 | 50 | |
| 6 | BFS27P6103 | Practicals Cyber Forensic | 0 | 0 | 2 | 1 | 50 | | 50 | |
| 7 | BFS27T6104 | Recent Advancements in Forensic Science | 3 | 0 | 0 | 3 | 20 | 30 | 50 | |
| 8 | | Communication Skills and Personality Development (Campus to Corporate will be included here) | 2 | 0 | 0 | 2 | 20 | 30 | 50 | |
| | | Total | | | | 20 | | | | |

| Semester 7 | | | | | | | | | | |
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| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | | |
| | | | L | T | P | C | IA | CAT | ETE | |
| 1 | B010721T | Research Methodology | 3 | 0 | 0 | 3 | 20 | 30 | 50 | |
| 2 | | Statistical methods in research | 3 | 0 | 0 | 3 | 20 | 30 | 50 | |
| 3 | | IPR and Innovation | 3 | 0 | 0 | 3 | 20 | 30 | 50 | |
| 4 | BFS27T7101 | Forensic Elective I | 3 | 0 | 0 | 3 | 20 | 30 | 50 | |
| 5 | BFS27P7101 | Research Project I | 0 | 0 | 0 | 3 | 50 | | 50 | |
| 6 | BFS27T7102 | Forensic Elective II | | | | 3 | | | | |

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| 7 | BFS27P7102 | Forensic Elective I LAB | | | | 1 | | | |
| 8 | BFS27T7103 | Forensic Elective III | | | | 1 | | | |
| | | Total | | | | 20 | | | |

| Semester 8 | | | | | | | | | |
|------------|-------------|----------------------|---|---|---|----|--------------------|-----|-----|
| S. No | Course Code | Name of the Course | | | | | Assessment Pattern | | |
| | | | L | T | P | C | IA | CAT | ETE |
| 1 | BFS27P8101 | Research Project -II | 0 | 0 | 0 | 20 | 50 | | 50 |
| | | Total | | | | 20 | | | |