

1. Scheme of Studies for B.Sc. (H) Forensic Science-Year 2023-2025 (Scheme of Studies)

According to CBCS and LOCF:

FIRST SEMESTER

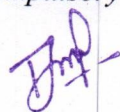
S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS101A	Introduction to Forensic Science	2	1	0	3	3	Core 1
2	BSFS103A	Crime and Society	2	1	0	3	3	Core 2
3	BSFS105A	Biology I	2	1	0	3	3	Core 3
4	BSFS107A	Chemistry I	2	1	0	3	3	Core 4
5	BSFS109A	Physics I	2	1	0	3	3	Core 5
6	BSFS151A	Forensic Practical I	0	0	6	3	6	Practical I
7	BSFS111A	Cyber Forensics I	2	0	0	2	2	Core 6
8	VAC151	EVS + Disaster	2	0	0	2	2	VAC I
9	AEC001	New Age Life Skills I	3	0	0	3	3	AEC I
TOTAL CREDITS/HOURS						25	28	

AEC= Ability Enhancement Compulsory Subject, VAC= Value Addition Course


SECOND SEMESTER

S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS102 A	Forensics Dermatoglyphics	2	1	0	3	3	Core 7
2	BSFS104A	Questioned Document	2	1	0	3	3	Core 8
3	BSFS106A	Biology II	2	1	0	3	3	Core 9
4	BSFS108A	Chemistry II	2	1	0	3	3	Core 10
5	BSFS110A	Physics II	2	1	0	3	3	Core 11
6	BSFS152A	Forensic Practical II	0	0	6	3	6	Practical II
7	BSFS112A	Basics of Digital Forensics	2	0	0	2	2	Core 12
8	UCCS155A	Communication skills	3	1	0	4	4	AEC II
9	BSFS114A	Research Methodology	3	0	0	3	3	VAC II
TOTAL CREDITS/HOURS						27	30	

AEC= Ability Enhancement Compulsory Subject, VAC= Value Addition Course


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

1


DEAN
School of Basic & Applied Sciences (SBAS)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103

THIRD SEMESTER

S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS201A	Forensic Ballistics and Explosives	2	1	0	3	3	Core 13
2	BSFS203A	Forensic Biology and Serology	2	1	0	3	3	Core 14
3	BSFS205A	Biology III	2	1	0	3	3	Core 15
4	BSFS207A	Chemistry III	2	1	0	3	3	Core 16
5	BSFS209A	Physics III	2	1	0	3	3	Core 17
6	BSFS251A	Forensic Practical III	0	0	6	3	6	Practical III
7	BSFS211A	Cyber Forensics II	2	0	0	2	2	Core 18
8	BSFS213A	Forensic Photography	3	0	0	3	3	SEC I
9	BSFS215A	Crime Scenario in India	3	0	0	3	3	DSE I
TOTAL CREDITS/HOURS						26	29	

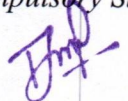
SEC= Skill Enhancement Course, DSE= Discipline Specific Elective

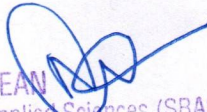
FOURTH SEMESTER

S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS202A	Forensic Physics and Biometric System	2	1	0	3	3	Core 19
2	BSFS204A	Forensic Anthropology	2	1	0	3	3	Core 20
3	BSFS206A	Biology IV	2	1	0	3	3	Core 21
4	BSFS208A	Chemistry IV	2	1	0	3	3	Core 22
5	BSFS210A	Physics IV	2	1	0	3	3	Core 23
6	BSFS252A	Forensic Practical IV	0	0	6	3	6	Practical IV
7	BSFS212A	Digital Forensics	2	0	0	2	2	Core 24
8	BSFS214A	Wildlife Forensics	3	0	0	3	3	AEC III
9	BSFS216A	Instrumentation	3	0	0	3	3	VAC III
TOTAL CREDITS/HOURS						26	29	

AEC= Ability Enhancement Compulsory Subject, VAC= Value Addition Course

2


 Registrar
 K.R. Mangalam University
 Sohna Road, Gurugram, (Haryana)


 DEAN
 School of Basic & Applied Sciences (SBAS)
 K.R. Mangalam University
 Sohna road, Gurugram
 Haryana 122103

FIFTH SEMESTER

S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS301A	Forensic Medicine	2	1	0	3	3	Core 25
2	BSFS303A	Forensic Chemistry and Toxicology	2	1	0	3	3	Core 26
3	BSFS305A	Biology V	2	1	0	3	3	Core 27
4	BSFS307A	Chemistry V	2	1	0	3	3	Core 28
5	BSFS309A	Physics V	2	1	0	3	3	Core 29
6	BSFS351A	Forensic Practical V	0	0	6	3	6	Practical V
7	BSFS311A	Cyber Forensics III	2	0	0	2	2	Core 30
8	BSFS313A	Quality Management and Ethics	3	0	0	3	3	DSE II
TOTAL CREDITS/HOURS						23	26	

DSE= Discipline Specific Elective

SIXTH SEMESTER

S.No.	Course code	Course Title	L	T	P	C	Total hours	Type of course
1	BSFS302A	Criminology and Penology	2	1	0	3	3	Core 31
2	BSFS304A	Forensic Psychology	2	1	0	3	3	Core 32
3	BSFS306A	Biology VI	2	1	0	3	3	Core 33
4	BSFS308A	Chemistry VI	2	1	0	3	3	Core 34
5	BSFS310A	Physics VI	2	1	0	3	3	Core 35
6	BSFS352A	Forensic Practical VI	0	0	6	3	6	Practical VI
7	BSFS312A	Advanced Digital Forensics	2	0	0	2	2	Core 36
8	BSFS314A	Project/Dissertation	0	0	3	3	3	DSE III
TOTAL CREDITS/HOURS						23	26	
TOTAL CREDITS							23	

DSE= Discipline Specific Elective

3

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

DEAN
School of Basic & Applied Sciences (SBAS)
K.R. Mangalam University
Sohna road, Gurugram,
Haryana 122103

PROJECT

Course Code: BSFS314A

Credit Units: 03

Course objective:

The aim of the project is to provide the students with an opportunity to further their intellectual and personal development in the chosen field by undertaking a significant practical unit of activity. The project can be defined as a scholarly inquiry into a problem or issues, involving a systematic approach to gathering and analysis of information / data, leading to production of a structured report.

Chapter Scheme and distribution of marks:

Chapter 1: Introduction – 10 marks

Chapter 2: Conceptual Framework/ National/International Scenario – 25 marks

Chapter 3: Presentation, Analysis & Findings -- 25 marks

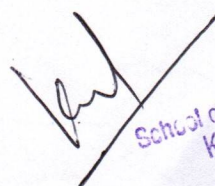
Chapter 4: Conclusion & Recommendations -- 10 marks

Chapter 5: Bibliography -- 05 marks

Components of a Project Report

The outcome of Project Work is the Project Report. A project report should have the following components:

1. **Cover Page:** This should contain the title of the project proposal, to whom it is submitted, for which degree, the name of the author, name of the supervisor, year of submission of the project work, name of the University.
2. **Acknowledgement:** Various organizations and individuals who might have provided assistance /co-operation during the process of carrying out the study.
3. **Table of Content:** Page-wise listing of the main contents in the report, i.e., different Chapters and its main Sections along with their page numbers.
4. **Body of the Report:** The body of the report should have these four logical divisions
 - a. **Introduction:** This will cover the background, rationale/ need / justification, brief review of literature, objectives, methodology (the area of the study, sample, type of study, tools for data collection, and method of analysis), Limitations of the Study, and Chapter Planning.



- b. **Conceptual Framework / National and International Scenario:** (relating to the topic of the Project).
- c. **Presentation of Data, Analysis and Findings :**(using the tools and techniques mentioned in the methodology).
- d. **Conclusion and Recommendations:** In this section, the concluding observations based on the main findings and suggestions are to be provided.
5. **Bibliography or References:** This section will include the list of books and articles which have been used in the project work, and in writing a project report.
6. **Annexures:** Questionnaires (if any), relevant reports, etc.
- (The main text of the Project should normally be in the range of 5000 words. However, there may be annexure in addition to the main text)

Steps of a Project Report

STEP I: Selection of the topic for the project by taking following points into consideration:

1. Suitability of the topic.
2. Relevance of the topic
3. Time available at the disposal.
4. Feasibility of data collection within the given time limit.
5. Challenges involved in the data collection (time & cost involved in the data collection, possibility of getting responses, etc.)

STEP II: Finalisation of the Topic and preparation of Project Proposal in consultation with the Supervisor.

STEP III: Collection of information and data relating to the topic and analysis of the same.

STEP IV: Writing the report dividing it into suitable chapters, viz.

Chapter 1: Introduction,

Chapter 2: Conceptual Framework / National & International Scenario,

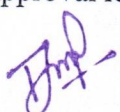
Chapter 3: Analysis & Findings

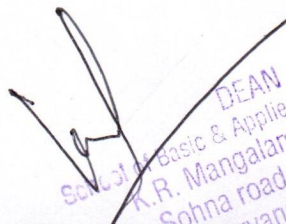
Chapter 4: Conclusion and Recommendations.

Chapter 5: Bibliography

STEP V: The following documents are to be attached with the Final Project Report.

- i. Approval letter from the supervisor (Annexure-IA)


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



DEAN
School of Basic & Applied Sciences (SBAS)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103

- ii. Student's declaration (Annexure-IB)
- iii. Certificate from the Competent Authority of the Organisation / Institution, if the student undertakes the Project Work in any Organisation / Institution.

Guidelines for evaluation:

1. Each of the students has to undertake a Project individually under the supervision of a teacher and to submit the same following the guidelines stated below.
2. Language of Project Report and Viva-Voce Examination may be English. The Project Report must be typed and hard bound.
3. Failure to submit the Project Report or failure to appear at the Viva-voce Examination will be treated as "Absent" in the Examination. He /she has to submit the Project Report and appear at the Viva- Voce Examination in the subsequent years (within the time period as per University Rules).
4. No marks will be allotted on the Project Report unless a candidate appears at the Viva-Voce Examination. Similarly, no marks will be allotted on Viva-Voce Examination unless a candidate submits his/her Project Report.
5. Evaluation of the Project Work to be done jointly by one internal expert and one external expert with equal weightage, i.e., average marks of the internal and external experts will be allotted to the candidate. The evaluation scheme shall be as follows:

Project Report	Power Point Presentation & Viva
75 marks	25 marks


 Registrar
 K.R. Mangalam University
 Sohna Road, Gurugram, (Haryana)


 DEAN
 School of Basic & Applied Sciences (SBAS)
 K.R. Mangalam University
 Sohna road, Gurugram
 Haryana 122103