

BAREILLY INTERNATIONAL UNIVERSITY

Bachelor of Science (Forensic Science)

1. Introduction of the course:

B.Sc. Forensic Science is a three year programme related to forensic science in the broad areas of Biology Chemistry Law and Methods of Forensic Investigation imparting students with skills necessary to carry out independent projects. The programme offers both theoretical and practical knowledge in every area of criminalistics which demonstrates proficiencies in laboratory skills like forensic molecular biology forensic chemistry and toxicology.

This programme is about Forensic Science under which students study about crimes & crime scene and also related techniques & tools used in solving any crime along with all Lab techniques and evidence collection techniques. They study about the methods of investigation for every type of crime scene and also their lab examination to identify the main culprit. Apart from that they also study about the Laws Criminal Psychology and techniques used. Students also get the live exposure to the crime scene and evidence examination in different labs during their Internship.

2. Scope

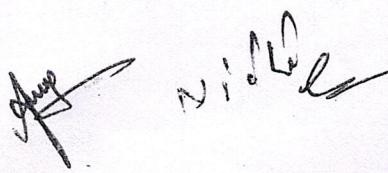
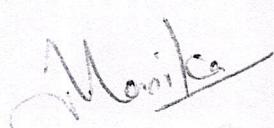
This ordinance shall apply to the program leading to B.Sc.(Forensic Science)

3. Eligibility for Admission:

- a) A candidate seeking admission to B.Sc. (Forensic Science) should have passed the 10+2 examination or equivalent examination from any Board/University with Physics, Chemistry, Biology / Mathematics and English as subjects.
- b) A candidate must have obtained minimum 45% marks in the qualifying examination. The candidate belongs to the schedule cast and the schedule tribemust have obtained minimum 40% instead of 45%.
- c) The minimum age for admission shall be 17 yearsas on 31st December of the year in which admission is sought.
- d) Admission shall be made once in a year and open to both male and female candidates.
- e) A candidate shall have to be medically fit.

4. Program Duration:

- a) The duration of the program leading to the award of B.Sc. (Forensic Science) shall be for the three academic years.
- b) The maximum period for successfully completion of program should not exceed Six years.



5. Annual Intake:

- The number of students shall be admitted as approved by the executive council of the university subject to maximum seat 40students.
- Admission to program shall be made only in 1st year and the last date for admission shall be 31st Aug of the admission year.

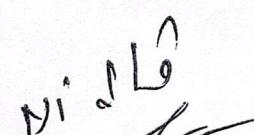
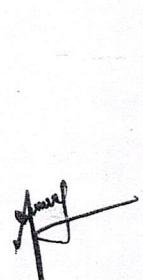
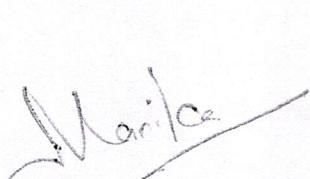
6. Medium of Instruction:

- The medium of instruction for all subjects of study and examination shall be English.

7. Organization of the Program:

- Each academic year shall comprise of two parts. First part shall be termed as odd semester and second part as even semester.
- There shall be minimum 20 weeks devoted to academic activities per semester.
- The syllabi of the program shall contain subject-wise content details, semester-wise duly approved by Board of Study and shall be published separately.
- The academic activities for subject given below shall be conducted semester-wise:

Semester 1 <ul style="list-style-type: none">Basics of Chemistry -IBotanyBasic of Physics -IIIntroduction of Forensic ScienceCriminologyPractical:<ul style="list-style-type: none">Basic of Chemistry -IBotanySubsidiary Subject:<ul style="list-style-type: none">Basic Computer and Information Science	Semester- II <ul style="list-style-type: none">Basics of Chemistry –IIZoologyBasics of Physics – IICriminal LawCrime Scene Investigation (Criminalistics)Practical:<ul style="list-style-type: none">Basic of Chemistry –IICrime Scene Investigation (Criminalistics)Subsidiary Subject:<ul style="list-style-type: none">Environmental Sciences
Semester III <ul style="list-style-type: none">Basics of Chemistry – IIIBasics of Biology (Biochemistry) -IPhysical Optics (Wave Optics)Question Document and Handwriting IdentificationForensic DermatoglyphicsDigital and Cyber Forensic Science- IPractical:<ul style="list-style-type: none">Forensic DermatoglyphicsQuestion Document and Handwriting Identification	Semester IV <ul style="list-style-type: none">Forensic Physics –IBasics of Biology (Biochemistry) -IIForensic ChemistryForensic BiologyForensic SerologyDigital and Cyber Forensic Science- IIPractical:<ul style="list-style-type: none">Forensic Biology & SerologyDigital and Cyber Forensic Science- II



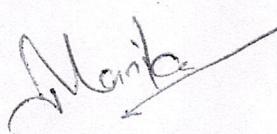
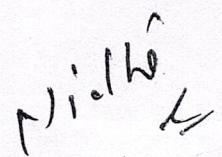
Semester V <ul style="list-style-type: none"> Instrumental Techniques for Forensic Science Forensic Physics -II Forensic Medicine Forensic Toxicology Forensic Ballistics Explosives <p>Practical:</p> <ul style="list-style-type: none"> Forensic Toxicology Forensic Ballistics & Explosives 	Semester VI <ul style="list-style-type: none"> Forensic Psychology DNA Fingerprinting Forensic Image and Video Analysis Forensic Anthropology and Odontology Advance Techniques for Forensic Science Industrial Internship and Dissertation <p>Practical:</p> <ul style="list-style-type: none"> Forensic Image and Video Analysis Forensic Anthropology and Odontology <p>Subsidiary Subject:</p> <ul style="list-style-type: none"> Research Methodology and Statistics
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8. Evaluation Scheme:

- A student's performance will be evaluated through end term examination held at the end of each semester.
- In addition, the continued evaluation of the student shall be made by way of class participation, class-test and assignments. The internal assessment shall be the part of total evaluation.
- The distribution of marks for the subjects shall be as per the scheme below.

Semester Ist

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Basics of Chemistry -I	70	30	100
2.	Botany	70	30	100
3.	Basics of Physics (II)	70	30	100
4.	Introduction of Forensic Science	70	30	100
5.	Criminology	70	30	100
Practical:				
1.	Basics of Chemistry -I	50	50	100
2.	Botany	50	50	100
Grand Total				700
Subsidiary Subject:				
1.	Basic Computer and Information Science	30	20	50
Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.				



Semester IIInd

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Basics of Chemistry -II	70	30	100
2.	Zoology	70	30	100
3.	Basics of Physics – II	70	30	100
4.	Criminal Law	70	30	100
5.	Crime Scene Investigation (Criminalistics)	70	30	100
Practical:				
1.	Basics of Chemistry -II	50	50	100
2.	Crime Scene Investigation (Criminalistics)	50	50	100
Grand Total				700
Subsidiary Subject:				
1.	Environmental Sciences	30	20	50

Semester IIIrd

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Basics of Chemistry – III	70	30	100
2.	Basics of Biology (Biochemistry) -I	70	30	100
3.	Physical Optics (Wave Optics)	70	30	100
4.	Question Document and Handwriting Identification	70	30	100
5.	Forensic Dermatoglyphics	70	30	100
6.	Digital and Cyber Forensic Science- I	70	30	100
Practical:				
1.	Forensic Dermatoglyphics	50	50	100
2.	Question Document and Handwriting Identification	50	50	100
Grand Total				800

Grand Total

Marika

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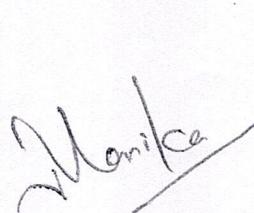
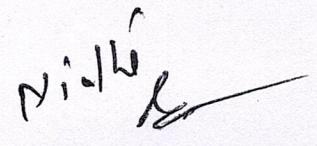
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Semester IVth

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Forensic Physics -I	70	30	100
2.	Basics of Biology (Biochemistry) -II	70	30	100
3.	Forensic Chemistry	70	30	100
4.	Forensic Biology	70	30	100
5.	Forensic Serology	70	30	100
6.	Digital and Cyber Forensic Science- II	70	30	100
	Practical:			
1.	Forensic Biology & Serology	50	50	100
2.	Digital and Cyber Forensic Science- II	50	50	100
Grand Total				800

Semester Vth

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Instrumental Techniques for Forensic Science	70	30	100
2.	Forensic Physics -II	70	30	100
3.	Forensic Medicine	70	30	100
4.	Forensic Toxicology	70	30	100
5.	Forensic Ballistics	70	30	100
6.	Explosives	70	30	100
	Practical:			
1.	Forensic Toxicology/Physics	50	50	100
2.	Forensic Ballistics & Explosives	50	50	100
Grand Total				800



Semester VIth

S. No.	Subject	Examination	Internal Assessment	Grand Total
1.	Forensic Psychology	70	30	100
2.	DNA Fingerprinting	70	30	100
3.	Forensic Image and Video Analysis	70	30	100
4.	Forensic Anthropology and Odontology	70	30	100
5.	Advance Techniques for Forensic Science	70	30	100
Internship/dissertation				
1.	Industrial Internship and Dissertation	70	30	100
Practical:				
1.	Forensic Image and Video Analysis	50	50	100
2.	Forensic Anthropology and Odontology	50	50	100
Grand Total				800
Subsidiary Subject:				
1.	Research Methodology and Statistics	30	20	50
<p>Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.</p>				

Note: Project Credits

The Project will be based on a research topic in Forensic Science/Criminology. The topic will be assigned in consultation with police and forensic science establishments, giving due consideration to the problem areas faced by these institutions. The students will be expected to undertake extensive field work, in collaboration with mobile police laboratories. One month is assigned for completion of the project.

9. Attendance:

- Each student is normally required to attend all the lectures of every subject as well as the curricular and co-curricular activities.
- A student must have minimum 75% attendance in each subject for appearing in the examination. In special circumstances, short-fall in attendance can be condoned on case's merit to the extent of 5% by the Principal. If the short-fall is more than 5%, but not more than 10%, the Principal may recommend on case's merit to the Vice Chancellor for condonation. The order of Vice Chancellor shall be final.

Monika *Nidhi* *Shweta*

10. Examinations:

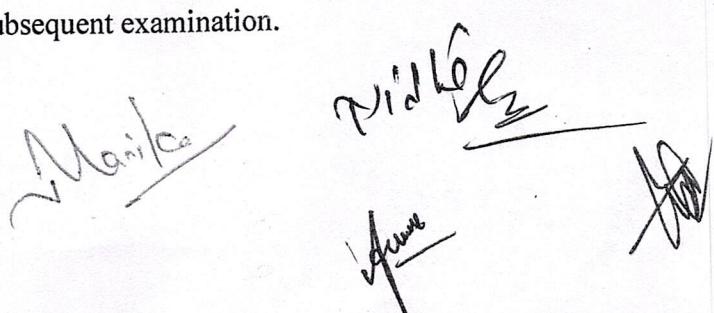
- a) In an academic year, at the end of each Semester University examination shall be held.
- b) The question papers shall be get prepared from the list of examiners for paper setting subject-wise duly approved by faculty Board.
- c) The evaluation of answer books shall be carried out by examiners duly approved by Faculty Board subject-wise.
- d) A student shall be allowed to appear in 6th semester examination but result will be declared only after clearing all the back / failed subjects of 1st to 4th semesters only.
- e) There will not be any separate back paper examination for 1st to 4th semester subjects.
- f) There shall be special carry over examination to clear back paper of 5th and 6th semesters within two months of declaration of 6th semester result.
- g) A student not qualified in any subject can appear in the next examination held in the respective semester (Odd/ Even).

11. Qualifying Standards:

- a) Minimum qualifying marks for each subject shall be 50% in aggregate of examination including subsidiary subjects.
- b) The marks obtained in external examination, Viva and internal assessment of the subject shall be added to compute subject percentage.

12. Promotional Rules:

- a) A student satisfying the qualifying standard of all the subjects shall be declared pass in the semester examination.
- b) A student failing to satisfy the qualifying standards of one or more subjects in a semester shall be declared as promoted with back papers and shall be permitted to pursue course work of next semester and clear back papers in the subsequent University examination.
- c) A student, if in conjunction of grace marks, satisfies the qualifying standards of all subjects of the semester shall be declared as 'Pass with grace marks'.
- d) If a student, for any reason, fails to appear in the examination, he or she shall be declared fail and will not be promoted to the next semester. Such a student will be permitted to appear as ex-student during the subsequent examination.



Handwritten signatures of faculty members, including 'Manisha', 'Nidhi', 'Arun', and 'Hari', are present at the bottom right of the page.

13. Grace Marks:

- a) A student fail to satisfy on his own, the qualifying standards prescribed to be declared pass in the semester examination can be awarded 'Grace Marks' not exceeding a maximum 5 marks which can be shared by not more than two subjects. However the grace marks shall not be part of the grand total. There will not be any Grace marks for any subsidiary subject.

14. Results:

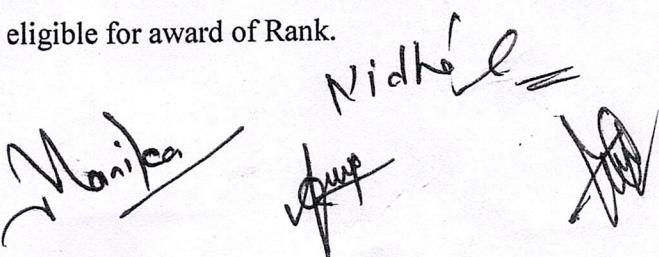
- a) The examination result of a student shall be declared separately for each examination which will indicate the status of his performance of the semester.
- b) In case student appears in back paper, revised statement of marks will be issued incorporating the back paper examination result.
- c) The six semester statement of marks shall carry result of all previous semesters and will be issued only once the student has completed the course successfully.
- d) The final result for declaring division and award of degree shall be prepared on the basis of cumulative performance of student.

15. Award of Division:

- a) The division to a student shall be awarded on the basis of his/her 'FINAL RESULT' at the end of sixth semester examination.
- b) A student will be said to have passed with 'First Division with Honors' if he/ she obtains 75% or more marks in the final result, provided he/she has passed all examinations in first attempt and without invoking any grace marks.
- c) A student will be said to have passed with 'First Division' if he/she has obtained 60% or more marks in the final result without invoking any grace marks.
- d) A student will be said to have passed with 'Second Division' if he/she has obtained 50% or more marks in the final result.
- e) A student will be said to have 'Passed with Grace' if he/she invoke grace marks in any examination.

16. Merit List:

The merit list to award the rank shall be prepared on the basis of aggregate marks of final result. However those students who have passed all examination in first attempt without invoking any grace marks shall be eligible for award of Rank.

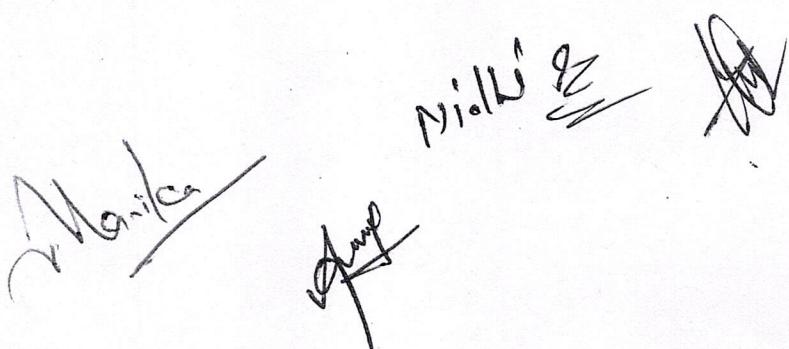


17. Award of Degree:

A student shall be eligible for award of B.Sc. (Forensic Science) degree on successful completion of prescribed course of study and declared pass.

18. Power to Amend the Ordinance

The 'Academic Council' shall have the powers to relax, amend any or all the provisions of the Ordinances, subject to the approval of the 'Executive Council' of the University. However, amendments shall not be in contravention of guidelines and directives of UGC.

A cluster of four handwritten signatures in black ink. The signature on the far left is slanted and appears to read 'Monica'. The signature in the center is slanted and appears to read 'S. K. S. S. K. S.'. The signature on the right is slanted and appears to read 'Nisha'. The signature at the top right is slanted and appears to read 'S. K. S. S. K. S.'

1- Scope:

This ordinance shall apply to the program leading to master of hospital administration.

2- Admission Criteria:

Candidate should have bachelor's degrees to any discipline which includes science/commerce/ Nursing/ BPT/ BAMS/ B.Sc. Allied health science/veterinary science/art/law & Pharmacy from any recognized Indian university with minimum marks in 50% (SC, ST 45%)

3- Duration of The Course for MHA:

Mater of Hospital Administration is postgraduate course in hospital management. The course is of 2 years duration. The two-year course is further, divided in to 4 semesters of six months each.

4- Medium of Instruction:

English shall be the medium of instruction for all the subjects of study and for the examinations of the Master of Hospital Administration (MHA) Course.

5- Attendance:

- i- Candidates are required to obtain minimum 75% attendance in all Theory subjects so as to be eligible to appear in the University Examination.
- ii- Further relaxation of attendance up to 5% to the student can be given by the Head of Institution/Principal on genuine/Compassionate grounds with prior permission under special circumstances.
- iii- No students will be allowed to appear in the university examination if he/she does not satisfy the overall average attendance requirements of clause i and ii.
- iv- No Student will be promoted to next higher semester/year (as applicable) and has to repeat the same semester/year, if he/she does not satisfy the overall average attendance requirements of clause (i) & (ii).
- v- The names of the students who are not eligible to appear in the university examinations are to be intimated to the controller of examination & students before the commencement of exam.

6- Organization of the Program:

There shall be minimum 17 weeks devoted for academic activities, excluding 3 weeks for examination and their preparations.

The academic activities shall be carried for minimum 36hrs perweek.

The course delivery in each semester shall be carried out in accordance with minimum hours assigned to each theory subject.

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