

## Criterion 1: Curricular Aspects

The Academic Program committee, the Academic Council, and the Executive meetings consistently oversee and ratify the changes made in the BOS meetings, followed by the faculty meetings as well as the school board meetings respectively. The notices and minutes of the meetings held each year are available in the departmental minutes book, APC minutes in DOAA office, and the [Minutes & Notice \(dhsghsu.edu.in\)](http://dhsghsu.edu.in) section of the department's website.

### **1.1. Courses Offered- (Choice Based Credit System)**

Offering undergraduate and postgraduate courses in criminology and forensic science, this department is akin to a river where two different streams of study- art and science meet together. It's a matter of immense pride and respect that the department as we see today is the result of herculean efforts from the earliest pioneers of criminology and forensic science in the country. This amalgam of two different subjects offered in this department reflects their dependency on each other. Criminology will tell you how and why crimes happen as well as their effect on the society, while forensic science focuses on the investigation part of the crime. As a whole, they complete each other. Banking on this thought, the department aspires to provide superior intellectual capital to assist the criminal justice system of the nation. Currently, it offers five degree programs- B.Sc. in Forensic Science (6 semesters), B.A. in Criminology (6 semesters), M.Sc. in Forensic Science (4 semesters), M.A. in Criminology (4 semesters), and Ph.D. in both.

<b>Programme</b>	<b>Duration</b>	<b>Eligibility</b>
M.Sc. - Forensic Science (18 seats)	2 years (4 semesters)	Graduation with science subjects, B.Sc.
B.Sc. (with Forensic Science)	3 years (6 semesters)	10+2 with science subjects
M.A. – Criminology (12 seats)	2 years (4 semesters)	B.A. / B.Sc.
B.A. (with criminology)	3 years (6 semesters)	10+2
Ph.D. (Forensic Science / Criminology)	1 semesters course work	a. Post graduation with 55% marks b. Admission through entrance test c. NET-JRF exempted from entrance test

### **1.2. Undergraduate (6 semesters)**

The B.Sc. and B.A. programs are the undergraduate programs which are meticulously designed to impart knowledge in the respective subjects with the humble aim to make the system of attaining justice easier for every victim of crimes occurring in the society. The course layout is

demanding and is constantly upgraded to incorporate current advances in criminology and forensic science. During the first two years, all students are introduced to basic concepts in both criminology and forensic science with the help of lectures and laboratory courses.

### B.Sc. Forensic Science

Semester	Course Code	Title of Paper	Credit
<b>B.Sc. I Semester</b>	FSC:CC-111	Introduction to Forensic Science & Criminalistics	<b>04</b>
	FSC:CC-112	Forensic Science( <b>Practical</b> )	<b>02</b>
<b>B.Sc. II Semester</b>	FSC:CC-211	Police Science & Criminal Justice System	<b>04</b>
	FSC:CC-212	Forensic Science ( <b>Practical</b> )	<b>02</b>
<b>B.Sc. III Semester</b>	FSC:CC-311	Instrumental Techniques in Forensic Science	<b>04</b>
	FSC:CC-312	Forensic Science ( <b>Practical</b> )	<b>02</b>
	FSC:SEC-311	Fingerprints and Questioned Document	<b>02</b>
<b>B.Sc. IV Semester</b>	FSC:CC-411	Introduction to Forensic Chemistry & Forensic Biology	<b>04</b>
	FSC:CC-412	Forensic Science ( <b>Practical</b> )	<b>02</b>
	FSC:SEC-411	Crime Scene Management	<b>02</b>
	FSC:DSE-511	Forensic Toxicology	<b>04</b>
<b>B.Sc. V Semester</b>	FSC:DSE-512	Forensic Science ( <b>Practical</b> )	<b>02</b>
	FSC:DSE-513	Emerging Trends in Forensic Science	<b>04</b>
	FSC:DSE-514	Forensic Science( <b>Practical</b> )	<b>02</b>
	FSC:SEC-511	Chromatography	<b>02</b>
	FSC:DSE-611	Forensic Physics & Ballistics	<b>04</b>
<b>B.Sc. VI Semester</b>	FSC:DSE-612	Forensic Science( <b>Practical</b> )	<b>02</b>
	FSC:DSE-613	Forensic Medicine & Serology	<b>04</b>
	FSC:DSE-614	Forensic Science( <b>Practical</b> )	<b>02</b>
	FSC:SEC-611	Computer Forensics & Cyber Security	<b>02</b>
<b>Total credits</b>			<b>56</b>

### B.A. Criminology

Semester	Course Code	Title of Paper	Credit
<b>Semester I</b>	CRM:CC-111	Introduction to Criminology	<b>06</b>
<b>Semester II</b>	CRM:CC-211	Criminological and Victimological Theories	<b>06</b>
<b>Semester III</b>	CRM:CC-311	Criminal Psychology	<b>06</b>
	CRM:SE-312	Cyber-crime and Security	<b>02</b>
<b>Semester IV</b>	CRM:CC-411	Penology and Correctional Administration	<b>06</b>
	CRM:SE-412	Tourism Crime and Security Management	<b>02</b>
<b>Semester V</b>	CRM:EC-511	Juvenile Delinquency	<b>06</b>
	CRM:EC-512	Biology and Psychology of Crime	<b>06</b>
	CRM:SE-513	Drug Abuse and De-addiction	<b>02</b>
	CRM:GE-514	Victim-Offender Counseling	<b>06</b>
<b>Semester VI</b>	CRM:EC-611	Sociology of Crime and Deviance	<b>06</b>
	CRM:EC-612	Police Administration and Forensic Science	<b>06</b>
<b>Total credits</b>			<b>60</b>

### 1.3. Postgraduate (4 semesters)

Undergraduate students who wish to attain specialized knowledge in different domains of criminology and forensic science can major in this course. The syllabus of this course is designed at such a level where the students undergo detailed and thorough training in advanced concepts of criminology and forensic science. The final year postgraduate students are supposed to submit a project at the end of their last semester. The purpose of undertaking the project is to expose the students to the rigors of research under the guidance of a faculty mentor. As a result, the students are not only introduced to the do's and do not's of research methodology, but also lay the foundation of scientific temperament for future research.

### M.Sc. Forensic Science

Semester	Course Code	Title of Paper	Credit
<b>Semester - I</b>	FSC-CC-121	Forensic Science investigation and Criminal Justice System: <b>Theory</b>	<b>04</b>
	FSC-CC-122	Crime scene investigation: <b>Practical</b>	<b>02</b>
	FSC-CC-123	Forensic Physics, Ballistics, Photography and Statistics: <b>Theory</b>	<b>04</b>
	FSC-CC-124	Forensic Physics And Ballistics: <b>Practical</b>	<b>02</b>
	FSC-CC-125	Instrumental Methods – Physical: <b>Theory</b>	<b>04</b>

	FSC- CC-126	Instrumental Methods – Physical: <b>Practical</b>	<b>02</b>
<b>Semester - II</b>	FSC- CC-221	Instrumental Methods – Chemical: <b>Theory</b>	<b>04</b>
	FSC- CC-222	Instrumental Methods – Chemical: <b>Practical</b>	<b>02</b>
	FSC- CC-223	Forensic Chemistry and Explosives: <b>Theory</b>	<b>04</b>
	FSC- CC-224	Forensic Chemistry: <b>Practical</b>	<b>02</b>
	FSC- CC-225	Forensic Toxicology and Pharmacology: <b>Theory</b>	<b>04</b>
	FSC- CC-226	Forensic Toxicology – <b>Practical</b>	<b>02</b>
	FSC- OE-221	Computer Forensics and Cyber Security: <b>Theory</b>	<b>02</b>
<b>Semester - III</b>	FSC- CC-321	Forensic Biology and Serology: <b>Theory</b>	<b>04</b>
	FSC- CC-322	Forensic Biology and Serology: <b>Practical</b>	<b>02</b>
	FSC- CC-323	Forensic Medicine and Medical Jurisprudence: <b>Theory</b>	<b>04</b>
	FSC- CC-324	Forensic Medicine: <b>Practical</b>	<b>02</b>
	FSC- EC-321	<b>Elective:</b> Computer Forensics and Cyber Security: <b>Theory</b>	<b>02</b>
	FSC- EC-322	<b>Elective:</b> Computer Forensics and Cyber Security – <b>Practical</b>	<b>02</b>
	FSC- EC-323	<b>Elective:</b> Dactylography and Biometrics: <b>Theory</b>	<b>02</b>
	FSC- EC-324	<b>Elective:</b> Dactylography and Biometrics- <b>Practical</b>	<b>02</b>
	FSC- EC-325	<b>Elective:</b> Investigative Tools and Techniques: <b>Theory</b>	<b>04</b>
	FSC- EC-326	<b>Elective:</b> Forensic Neuroscience and Behavior: <b>Theory</b>	<b>04</b>
	FSC- EC-327	<b>Elective:</b> Questioned Document and their Examination: <b>Theory</b>	<b>02</b>
	FSC- EC-328	<b>Elective:</b> Questioned Document and their Examination- <b>Practical</b>	<b>02</b>
	FSC- OE-321	Dactylography and Biometrics: <b>Theory</b>	<b>02</b>
<b>Semester - IV</b>	FSC- CC-421	Instrumental Methods – Biological: <b>Theory</b>	<b>04</b>
	FSC- CC-422	Instrumental Methods – Biological: <b>Practical</b>	<b>02</b>

FSC- CC-423	Questioned Documents, Finger prints and Cyber Forensic: <b>Theory</b>	<b>04</b>
FSC- CC-424	Questioned Documents, Finger prints and Cyber Forensic – <b>Practical</b>	<b>02</b>
FSC- EC-421	<b>Elective:</b> Narcotics and Drugs of Abuse: <b>Theory</b>	<b>02</b>
FSC- EC-422	<b>Elective:</b> Narcotics and Drugs of Abuse- <b>Practical</b>	<b>02</b>
FSC- EC-423	<b>Elective:</b> Emerging Trends in Forensic Science: <b>Theory</b>	<b>04</b>
FSC- EC-424	<b>Elective:</b> Forensic Anthropology: <b>Theory</b>	<b>02</b>
FSC- EC-425	<b>Elective:</b> Forensic Anthropology- <b>Practical</b>	<b>02</b>
FSC- EC-426	<b>Elective:</b> Chromatographic Techniques: <b>Theory</b>	<b>02</b>
FSC- EC-427	<b>Elective:</b> Chromatographic Techniques- <b>Practical</b>	<b>02</b>
<b>Total Credits</b>		<b>80</b>

### M.A. Criminology

<b>Semester</b>	<b>Course Code</b>	<b>Title of Paper</b>	<b>Credit</b>
<b>Semester I</b>	CRM-CC-121	Introduction to Criminology	<b>06</b>
	CRM-CC-122	Victimology	<b>06</b>
	CRM-CC-123	Forensic Aid to Criminal Justice system	<b>04</b>
	CRM-CC-124	Research Methods in Criminology	<b>04</b>
	CRM-CC-125	Criminal Investigation & Legal Procedure(Practical)	<b>02</b>
	CRM-CC-126	Research Methods(Practical)	<b>02</b>
<b>Semester II</b>	CRM-CC-221	Criminological Theories	<b>06</b>
	CRM-CC-222	Juvenile Delinquency	<b>06</b>
	CRM-CC-223	Penology and Correctional Administration	<b>04</b>
	CRM-CC-224	Criminal Psychology	<b>04</b>
	CRM-CC-225	Case Study(Practical)	<b>02</b>
	CRM-CC-226	Criminal Psychology(Practical)	<b>02</b>
	CRM-OE-227	Introduction to Green Criminology	<b>02</b>
<b>Semester III</b>	CRM-CC-321	Internal Security Management	<b>06</b>
	CRM-CC-322	Crime Journalism	<b>06</b>
	CRM-EC-323	Human Rights & Social Work	<b>04</b>

	CRM-EC-324	Cyber Crime and Security	<b>04</b>
	CRM-EC-325	Social Legislations and Crime	<b>04</b>
	CRM-OE-326	Contemporary Forms of Crime	<b>02</b>
<b>Semester IV</b>	CRM-CC-421	Criminal Law & Procedure	<b>06</b>
	CRM-EC-422	Police Administration	<b>04</b>
	CRM-EC-423	Drug Abuse and trafficking	<b>04</b>
	CRM-EC-425	Project	<b>08</b>
<b>Total Credits</b>			<b>98</b>

#### 1.4. Ph.D. program

In addition to the bachelor and master programs, the department provides a meticulous Ph.D. program. The first semester focuses on coursework which introduce the students to advanced concepts and current trends for research in criminology and forensic science, research methodology, and research ethics. Completion of the coursework assists in seamless transition from a student to a scholar. Following the coursework, the scholars engage completely in their research aiming towards bridging the gaps between existing areas of knowledge.

#### Ph.D. Forensic Science

CourseCode	Course	Credits
FSC-CC-141	Research Methodology	<b>04</b>
FSC-CC-142	Forensic Science	<b>04</b>
FSC-CC-144	Research and publication ethics	<b>02</b>

**Choose one Course & Practical from below:**

FSC-EC-141	Chemistry and Toxicology	<b>04</b>
FSC-EC-142	Biology and Serology	<b>04</b>
FSC-EC-143	Documents, Computer Forensics and Impressions	<b>04</b>

<b>FSC-CC-143</b>	Review of Published Research Work	<b>04</b>
<b>Total credits</b>		<b>18</b>

### Ph.D. Criminology

<b>Course Code</b>	<b>Title of Paper</b>	<b>Credit</b>
<b>CRM-CC-141</b>	Research Methodology	<b>4</b>
<b>CRM-CC-142</b>	Research Trends in Criminology and Criminal Justice	<b>4</b>
<b>CRM-CC-144</b>	Research and publication ethics	<b>2</b>
<b>CRM-EC-141</b>	Research Trends in Victimology	<b>4</b>
<b>CRM-EC-142</b>	Computer Application	<b>4</b>
<b>CRM-EC-143</b>	Application of Statistics in Criminology and Criminal Justice	<b>4</b>
<b>CRM-CC-143</b>	Review of Published Research Work	<b>4</b>
<b>Total Credit</b>		<b>18</b>