

# **STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME**

## **ROYAL SCHOOL OF LIFE SCIENCES**

### **B.Sc. Forensic Science(Honours / Honours with Research )**

<b>COMPONENT</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
Major (Core)	FSC142M101	Introduction to Forensic Science	2
Major (Core)	FSC142M112	Introduction to Forensic Science (Practical)	1
Major (Core)	FSC142M103	Crime & Society	3
Minor	FSC142N101	Basic Forensic Biology	3
Interdisciplinary (IDC)	IKS992K101	Introduction to Indian Knowledge System - I	3
Ability Enhancement course (AEC)	CEN982A101	Communicative English - I	1
Ability Enhancement course (AEC)	BHS982A102	Behavioral Science - I	1
Skill Enhancement Course (SEC)	FSC142S101	Forensic Photography and Documentation	3
Value Added Course (VAC)	VAC - I	One Course from a Basket of Available Courses to be Selected	3
MOOCs	MOOCs - I	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal	3
<b>TOTAL CREDIT FOR 1<sup>st</sup> SEMESTER</b>			<b>23</b>
<b>COMPONENT</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
Major (Core)	FSC142M201	Criminal Law	3
Major (Core)	FSC142M202	Basics of Forensic Chemistry	2
Major (Core)	FSC142M213	Basics of Forensic Chemistry (Practical)	1
Minor	FSC142N201	Cyber Forensics	3
IDC	IKS992K201	Introduction to Indian Knowledge System - II	3
AEC	CEN982A201	Communicative English - II	1
AEC	BHS982A202	Behavioral Science - II	1
SEC	FSC142S201	Handwriting Identification and Recognition	2
SEC	FSC142S212	Handwriting Identification and Recognition (Practical)	1

VAC	VAC - II	One Course from a Basket of Available Courses to be Selected	3	
MOOCs	MOOCs - II	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal	3	
TOTAL CREDIT FOR 2 <sup>nd</sup> SEMESTER			23	
COMPONENT	COURSE CODE	COURSE TITLE	CREDIT	
Major (Core)	FSC142M301	Forensic Dermatoglyphics	3	
Major (Core)	FSC142M312	Forensic Dermatoglyphics (Practical)	1	
Major (Core)	FSC142M303	Forensic Physics	3	
Major (Core)	FSC142M314	Forensic Physics (Practical)	1	
Minor	FSC142N301	Crime Scene Investigation	4	
IDC	FSC142I301	Fundamentals of Forensic Science	3	
AEC	CEN982A301	Communicative English - III	1	
AEC	BHS982A302	Behavioral Science - III	1	
SEC	FSC142S301	Introduction to Digital Forensics	3	
MOOCs	MOOCs - III	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal	3	
TOTAL CREDIT FOR 3 <sup>rd</sup> SEMESTER			23	
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT
Major (Core)	FSC142M401	Forensic Psychology		4
Major (Core)	FSC142M402	Analytical Methods-I		4
Major (Core)	FSC142M403	Forensic Anthropology and Odontology		3
Major (Core)	FSC142M414	Forensic Anthropology and Odontology (Practical)		1
Minor	FSC142N401	Technical Methods		3
Minor	FSC142N402	Accident Investigation-Motor Vehicles		3
AEC	CEN982A401	Communicative English - IV		1
AEC	BHS982A402	Behavioral Science - IV		1
MOOCs	MOOCs - IV	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal		3
TOTAL CREDIT FOR 4 <sup>th</sup> SEMESTER				23
COMPONENT	COURSE CODE	COURSE TITLE		CREDIT
Major (Core)	FSC142M501	Forensic Toxicology		3
Major (Core)	FSC142M502	Forensic Biology		3
Major (Core)	FSC142M503	Questioned Document		3
Major (Core)	FSC142M514	Forensic Toxicology (Practical)		3

Minor	FSC142N501	Biometrics And Emerging Techniques	4
Project	FSC142M525	Research Project	4
<b>TOTAL CREDIT FOR 5<sup>th</sup> SEMESTER</b>			<b>20</b>
<b>COMPONENT</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
Major (Core)	FSC142M601	Analytical Methods-II	4
Major (Core)	FSC142M602	Forensic Ballistics	3
Major (Core)	FSC142M603	Molecular Forensics	3
Major (Core)	FSC142M614	Molecular Forensics (Practical)	3
Major (Core)	FSC142M605	Forensic Medicine and Medical Jurisprudence	3
Minor	FSC142N601	Forensic Linguistics	4
<b>TOTAL CREDIT FOR 6<sup>th</sup> SEMESTER</b>			<b>20</b>
<b>COMPONENT</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
Major (Core)	FSC142M701	Forensic Entomology	4
Major (Core)	FSC142M702	Forensic Serology	4
Major (Core)	FSC142M703	Forensic Accounting and Auditing	4
Major (Core)	FSC142M714	Forensic Entomology and Serology (Practical)	4
Minor	FSC142N701	Forensic Pharmacology	4
<b>TOTAL CREDIT FOR 7<sup>th</sup> SEMESTER</b>			<b>20</b>
<b>COMPONENT</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
Major (Core)	FSC142M801	Research Methodology	4
Minor	FSC142N801	Incident Response and Management	4
Project	FSC142M822	Project Dissertation	12
<b>TOTAL CREDIT FOR 8<sup>th</sup> SEMESTER</b>			<b>20</b>

## **STRUCTURE OF THE SYLLABUS FOR 2 YEAR UG PROGRAMME**

### **ROYAL SCHOOL OF LIFE SCIENCES**

#### **M.Sc. Forensic Science**

<b>1<sup>st</sup> SEMESTER</b>		
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
FSC144C101	Forensic Science and Crime Scene Management	4
FSC144C102	Criminology and Law	4
FSC144C103	Instrumental Methods	4
FSC144C104	Forensic Physics and Ballistics	4
FSC144C115	Forensic Science and Criminalistics (Practical)	4
FSC144C116	Forensic Physics and Ballistics (Practical)	4

MOOCs - I	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal	4
<b>TOTAL CREDIT FOR 1<sup>st</sup> SEMESTER</b>		<b>24</b>
<b>2<sup>nd</sup> SEMESTER</b>		
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
FSC144C201	Forensic Chemistry and Toxicology	4
FSC144C202	Questioned Document and Dermatoglyphics	4
FSC144C213	Forensic Chemistry and Toxicology (Practical)	4
FSC144C214	Questioned Document and Dermatoglyphics (Practical)	4
MOOCs - II	*MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal	4
<b>TOTAL CREDIT FOR 2<sup>nd</sup> SEMESTER</b>		<b>24</b>
<b>TOTAL CREDIT FOR 1<sup>st</sup> YEAR = 48</b>		
<b>3<sup>rd</sup> SEMESTER</b>		
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
FSC144C301	Forensic Biology and Wildlife Forensics	4
FSC144C302	Digital Forensics	4
FSC144C313	Forensic Biology (Practical)	4
FSC144C324	Project Dissertation	8
<b>OR 3<sup>rd</sup> SEMESTER</b> <b>(For students with 3<sup>rd</sup> and 4<sup>th</sup> Semester Research)</b>		
FSC144C325	Project Dissertation	20
<b>TOTAL CREDIT FOR 3<sup>rd</sup> SEMESTER</b>		<b>20</b>
<b>4<sup>th</sup> SEMESTER</b>		
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDIT</b>
FSC144C401	Forensic Medicine and Anthropology	4
FSC144C402	Forensic Psychology	4
FSC144C423	Project Dissertation	12
<b>OR 4<sup>th</sup> SEMESTER</b> <b>(For students with 3<sup>rd</sup> and 4<sup>th</sup> Semester Research)</b>		
FSC144C424	Project Dissertation	20
<b>TOTAL CREDIT FOR 4<sup>th</sup> SEMESTER</b>		<b>20</b>
<b>TOTAL CREDIT FOR 2<sup>nd</sup> YEAR = 40</b>		

