# STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

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

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

COMPONENT	COURSE CODE   COURSE TITLE		CREDIT
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
TOTAL CREDIT FOR	1 <sup>st</sup> SEMESTER		23
COMPONENT	COMPONENT COURSE CODE COURSE TITLE		CREDIT
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	3
		Courses to be Selected	
MOOCs	MOOCs - II	*MOOCs/online courses will be	3
		identified by the department from the	
		list of courses available on the	
		MOOCs online platform/SWAYAM	
TOTAL CREDIT FO	DD 2nd CEMECTED	portal	23
TOTAL CREDIT FO	JR 2 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	3
		identified by the department from the	
		list of courses available on the	
		MOOCa online plotform/SWAVAM	
		MOOCs online platform/SWAYAM	
		portal	
TOTAL CREDIT FO	OR 3 <sup>rd</sup> SEMESTER		23
COMPONENT	COURSE CODE	portal  COURSE TITLE LEVEL	CREDIT
		portal	
COMPONENT	COURSE CODE	portal  COURSE TITLE LEVEL	CREDIT
COMPONENT Major (Core)	FSC142M401 FSC142M402	COURSE TITLE LEVEL Forensic Psychology Analytical Methods-I	CREDIT 4
COMPONENT Major (Core)	FSC142M401	Portal  COURSE TITLE LEVEL  Forensic Psychology  Analytical Methods-I  Forensic Anthropology and	CREDIT 4
COMPONENT Major (Core) Major (Core) Major (Core)	FSC142M402 FSC142M403	COURSE TITLE LEVEL Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology	CREDIT 4
COMPONENT Major (Core) Major (Core)	FSC142M401 FSC142M402	Portal  COURSE TITLE LEVEL  Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology  Forensic Anthropology and	CREDIT 4 4 3
COMPONENT Major (Core) Major (Core) Major (Core)	FSC142M402 FSC142M403	COURSE TITLE LEVEL Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology	CREDIT 4 4 3
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core)	FSC142M401 FSC142M402 FSC142M403 FSC142M414	COURSE TITLE LEVEL Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)	4 4 3 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142N401	COURSE TITLE LEVEL Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles	4 4 3 1 3 3
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142N401 FSC142N402	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods	4 4 3 1 3 3 3
COMPONENT  Major (Core)  Major (Core)  Major (Core)  Major (Core)  Minor  Minor  AEC	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142N401 FSC142N401 CEN982A401	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles Communicative English - IV	4 4 3 1 3 3 1 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142M401 FSC142N401 FSC142N402 CEN982A401 BHS982A402	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)  Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV  Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the	4 4 3 1 3 1 1 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142M401 FSC142N401 FSC142N402 CEN982A401 BHS982A402	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)  Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV  Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the list of courses available on the	4 4 3 1 3 1 1 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC	FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142M401 FSC142N401 FSC142N402 CEN982A401 BHS982A402	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)  Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV  Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the	4 4 3 1 3 1 1 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC MOOCs	FSC142M401  FSC142M402  FSC142M403  FSC142M414  FSC142N401  FSC142N402  CEN982A401  BHS982A402  MOOCs - IV	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)  Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV  Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the list of courses available on the	CREDIT  4  4  3  1  3  1  1  3  3
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC	FSC142M401  FSC142M402  FSC142M403  FSC142M414  FSC142N401  FSC142N402  CEN982A401  BHS982A402  MOOCs - IV	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM	4 4 3 1 3 1 1 1
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC MOOCs	FSC142M401  FSC142M402  FSC142M403  FSC142M414  FSC142N401  FSC142N402  CEN982A401  BHS982A402  MOOCs - IV	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM	CREDIT  4  4  3  1  3  1  1  3  3
COMPONENT Major (Core) Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC MOOCS  TOTAL CREDIT FO COMPONENT Major (Core)	COURSE CODE FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142N401 FSC142N402 CEN982A401 BHS982A402 MOOCs - IV  COURSE CODE FSC142M501	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV Behavioral Science - IV *MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal  COURSE TITLE  Forensic Toxicology	CREDIT  4  4  3  1  3  1  1  3  CREDIT  3  CREDIT  3
COMPONENT  Major (Core)  Major (Core)  Major (Core)  Minor  Minor  AEC  AEC  MOOCs  TOTAL CREDIT FO  COMPONENT  Major (Core)  Major (Core)  Major (Core)	FSC142M401  FSC142M402  FSC142M403  FSC142M414  FSC142N401  FSC142N402  CEN982A401  BHS982A402  MOOCs - IV   DR 4 <sup>th</sup> SEMESTER  COURSE CODE  FSC142M501  FSC142M502	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical)  Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV  Behavioral Science - IV  *MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal  COURSE TITLE  Forensic Toxicology Forensic Biology	CREDIT  4  3  1  3  1  1  3  CREDIT  3  3  3  CREDIT  3  3
COMPONENT Major (Core) Major (Core) Major (Core) Minor Minor AEC AEC MOOCs  TOTAL CREDIT FO COMPONENT Major (Core)	COURSE CODE FSC142M401 FSC142M402 FSC142M403 FSC142M414 FSC142N401 FSC142N402 CEN982A401 BHS982A402 MOOCs - IV  COURSE CODE FSC142M501	COURSE TITLE Forensic Psychology  Analytical Methods-I  Forensic Anthropology and Odontology Forensic Anthropology and Odontology (Practical) Technical Methods  Accident Investigation-Motor Vehicles  Communicative English - IV Behavioral Science - IV *MOOCs/online courses will be identified by the department from the list of courses available on the MOOCs online platform/SWAYAM portal  COURSE TITLE  Forensic Toxicology	CREDIT  4  4  3  1  3  1  1  3  CREDIT  3  CREDIT  3

Minor	FSC142N501	Biometrics And Emerging Techniques 4	
Project	FSC142M525	Research Project	4
TOTAL CREDIT FO	OR 5 <sup>th</sup> SEMESTER		20
COMPONENT	COURSE CODE COURSE TITLE		CREDIT
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		
Minor	FSC142N601	Forensic Linguistics	4
TOTAL CREDIT FO	OR 6 <sup>th</sup> SEMESTER	•	20
COMPONENT	COURSE CODE	CODE COURSE TITLE	
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
TOTAL CREDIT FO	OR 7 <sup>th</sup> SEMESTER		20
COMPONENT	COURSE CODE	OURSE CODE   COURSE TITLE	
Major (Core)	FSC142M801	Research Methodology	4
Minor	FSC142N801	Incident Response and Management	4
Project	FSC142M822	Project Dissertation	12
TOTAL CREDIT FO	OR 8 <sup>th</sup> SEMESTER		20

# STRUCTURE OF THE SYLLABUS FOR 2 YEAR UG PROGRAMME

### ROYAL SCHOOL OF LIFE SCIENCES

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

1 <sup>st</sup> SEMESTER				
COURSE CODE	COURSE TITLE	CREDIT		
FSC144C101	Forensic Science and Crime Scene	4		
	Management			
FSC144C102	Criminology and Law	4		
FSC144C103	Instrumental Methods	4		
FSC144C104	Forensic Physics and Ballistics	4		
FSC144C115	Forensic Science and Criminalistics	4		
	(Practical)			
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	t 4	
TOTAL CREDIT F	OR 1 <sup>st</sup> SEMESTER	24	
	2 <sup>nd</sup> SEMESTER		
COURSE CODE	COURSE TITLE	CREDIT	
FSC144C201	Forensic Chemistry and Toxicology	4	
FSC144C202	Questioned Document and	4	
	Dermatoglyphics		
FSC144C213	Forensic Chemistry and Toxicology	4	
- 10 - 11 - 11	(Practical)		
FSC144C214	Questioned Document and	4	
13C144C214	Dermatoglyphics (Practical)	4	
MOOCs - II	*MOOCs/online courses will be identified by the	4	
Modes II	department from the list of courses		
	available on the MOOCs online platform/SWAYAM portal		
	TOTAL CREDIT FOR 2 <sup>nd</sup> SEMESTER		
TOTAL CREDIT F	OR 2 <sup>nd</sup> SEMESTER	24	
TOTAL CREDIT FOTAL CREDIT F		24	
		24	
	OR 1 <sup>st</sup> YEAR = 48	CREDIT	
TOTAL CREDIT F	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER		
TOTAL CREDIT F	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE  Forensic Biology and Wildlife Forensics  Digital Forensics	CREDIT	
COURSE CODE FSC144C301 FSC144C302 FSC144C313	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical)	CREDIT 4 4 4	
COURSE CODE FSC144C301 FSC144C302	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation	CREDIT 4 4	
COURSE CODE FSC144C301 FSC144C302 FSC144C313	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical)	CREDIT 4 4 4 8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3 <sup>rd</sup> SEMESTER (For students with 3 <sup>rd</sup> and 4 <sup>th</sup> Semester Research)	CREDIT 4 4 4 8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3 <sup>rd</sup> SEMESTER	CREDIT 4 4 4 8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325	OR 1 <sup>st</sup> YEAR = 48  3 <sup>rd</sup> SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3 <sup>rd</sup> SEMESTER (For students with 3 <sup>rd</sup> and 4 <sup>th</sup> Semester Research)  Project Dissertation	CREDIT  4  4  4  8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER	CREDIT   4   4   4   8   8     20   20   20	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE	CREDIT   4   4   4   8   8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology	CREDIT   4   4   4   8   8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401 FSC144C402	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology Forensic Psychology	CREDIT   4   4   8   8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology Forensic Psychology Project Dissertation	CREDIT   4   4   4   8   8	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401 FSC144C402	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology Forensic Psychology Project Dissertation  OR 4th SEMESTER	CREDIT  4 4 8  CREDIT  20 20 4 4 4 12	
COURSE CODE FSC144C301 FSC144C302 FSC144C313 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401 FSC144C402 FSC144C423	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology Forensic Psychology Project Dissertation  OR 4th SEMESTER  (For students with 3rd and 4th Semester Research)	CREDIT  4 4 8  20 20 20  120  120  120  120  120  1	
COURSE CODE FSC144C301 FSC144C302 FSC144C324  FSC144C325 TOTAL CREDIT  COURSE CODE FSC144C401 FSC144C402 FSC144C423	OR 1st YEAR = 48  3rd SEMESTER  COURSE TITLE Forensic Biology and Wildlife Forensics Digital Forensics Forensic Biology (Practical) Project Dissertation  OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)  Project Dissertation  FOR 3rd SEMESTER  4th SEMESTER  COURSE TITLE Forensic Medicine and Anthropology Forensic Psychology Project Dissertation  OR 4th SEMESTER	CREDIT  4 4 8  CREDIT  20 20 4 4 4 12	