

## SCHEME OF STUDIES

Semester	Category	Code	Name of Subject	Credits
<b>First</b>	FOUNDATION-I	FSC-101	Introduction to Forensic Science	3(2-1)
	COMPULSORY-I	ENG-102	English-I (Language in Use)	3(3-0)
	COMPULSORY-II	PS-103	Pakistan Studies	2(2-0)
	GENERAL-I	ZOOL-104	Principles of Animal Life	4(3-1)
	GENERAL-II	CHE-105	Inorganic Chemistry	3(2-1)
				<b>15</b>
<b>Second</b>	FOUNDATION-II	FSC-151	Introduction to Law	3(3-0)
	COMPULSORY-III	ENG-152	English-II (Academic Reading & Writing)	3(3-0)
	COMPULSORY-IV	ISL-153	Islamic Studies / Ethics	2(2-0)
	COMPULSORY-V	MATH-154	Mathematics	3(3-0)
	GENERAL-III	BOT-155	Diversity of Plants	4(3-1)
	GENERAL-IV	CHE-156	Physical Chemistry	3(2-1)
				<b>18</b>
<b>Third</b>	FOUNDATION-III	FSC-201	Cell Biology	4(3-1)
	COMPULSORY-VI	ENG-202	English-III (Communication Skills)	3(3-0)
	COMPULSORY-VII	IT-203	Introduction to ICT	3(2-1)
	GENERAL-V	PHY-204	Physics	4(3-1)
	GENERAL-VI	CHE-205	Analytical Chemistry	3(2-1)
				<b>17</b>
<b>Fourth</b>	FOUNDATION-IV	FSC-251	Introduction to Logic	3(3-0)
	FOUNDATION-V	FSC-252	Biochemistry-I	4(3-1)
	MAJOR-I	FSC-253	Genetics	4(3-1)
	MAJOR-II	FSC-254	Crime Scene Investigation	3(2-1)
	GENERAL-VII	PSY-255	Psychology	3(3-0)
				<b>17</b>

<b>Fifth</b>	FOUNDATION-VI	FSC-301	Bioinformatics	<b>3(2-1)</b>
	FOUNDATION-VII	FSC-302	Fundamentals of Molecular Biology	<b>4(3-1)</b>
	MAJOR-III	FSC-303	Biochemistry-II	<b>3(2-1)</b>
	MAJOR-IV	FSC-304	Criminology	<b>3(3-0)</b>
	MAJOR-V	FSC-305	Microbiology	<b>4(3-1)</b>
				<b>17</b>
<b>Sixth</b>	COMPULSORY-VIII	FSC-351	Statistics	<b>3(2-1)</b>
	FOUNDATION-VIII	FSC-352	Biosafety and Bioethics	<b>2(2-0)</b>
	MAJOR-VI	FSC-353	Research Methodology	<b>4(3-1)</b>
	MAJOR-VII	FSC-354	Forensic Chemistry	<b>4(3-1)</b>
	MAJOR-VIII	FSC-355	Forensic Biology	<b>4(3-1)</b>
				<b>17</b>
<b>Seventh</b>	COMPULSORY-IX	FSC-401	Synopsis and Report Writing	<b>3(3-0)</b>
	MAJOR-IX	FSC-402	Forensic Physical Sciences	<b>4(3-1)</b>
	MAJOR-X	FSC-495	Seminar	<b>2(0-2)</b>
	ELECTIVE-I	FSC-4XX	ELECTIVE-I	<b>3(2-1)</b>
	ELECTIVE-II	FSC-4XX	ELECTIVE-II	<b>3(2-1)</b>
				<b>15</b>
<b>Eight</b>	FOUNDATION-IX	FSC-451	Biostatistics	<b>4(3-1)</b>
	ELECTIVE-III	FSC-4XX	ELECTIVE-III	<b>3(2-1)</b>
	ELECTIVE-IV	FSC-4XX	ELECTIVE-IV	<b>3(2-1)</b>
	MAJOR-XI	FSC-498/499	Internship /Research Project	<b>6(0-6)</b>
				<b>16</b>
Total				<b>132</b>

## FORENSIC RESEARCH LAB

The research laboratory is fully functional for forensic research. There are MS and PhD students carrying out their research in the lab. It is equipped with instruments like; Real Time PCR, Gradient Thermal Cyclers, Laminar Flow Hood, Gel Documentation System, Horizontal and Polyacrylamide Gel Electrophoresis Apparatus, Mini and micro Centrifuges, Water and Dry Baths, Single and Multichannel Electronic and manual Micropipettes, Refrigerators, Forensic Light Source and Forensic Camera, Trans illuminator, Orbital Shaker, Magnetic Hotplate Stirrer, pH meter, Vortex, Electronic Balance and other small equipment necessary for forensic research.



## FACUTLY

### **Dr. Muhammad Israr**

Assistant Professor

PhD in Molecular Biology (DNA Forensics)

CEMB, Lahore

