

Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. Clinical Research Teaching Scheme (w.e.f July 2021) Semester-I												
SR NO	CODE	SUBJECTS	CREDI TS	TEACHING SCHEME			Tota I (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	
1	UCR0101	Spoken English	2	2	0	0	2	60	40	0	0	100
2	UCR0102	Management Concepts	3	3	0	0	3	60	40	0	0	100
3	UCR0103	Accounting –I	3	3	0	0	3	60	40	0	0	100
4	UCR0104	Fundamentals of Clinical Research	4	4	0	0	4	60	40	0	0	100
5	UCR0105	Introduction to Healthcare Mind Management and	4	4	0	0	4	60	40	0	0	100
6	UCR0106	Human Values	1	1	0	0	1	60	40	0	0	100
<b>TOTAL</b>			<b>17</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>360</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>600</b>

Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. Clinical Research Teaching Scheme (w.e.f July 2021) Semester-II												
SR NO	CODE	SUBJECTS	CREDITS	TEACHING SCHEME			Tota I (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	
1	UCR0201	Advanced Spoken English	2	2	0	0	2	60	40	0	0	100
2	UCR0202	Organizational behavior and Human resource management	3	3	0	0	3	60	40	0	0	100
3	UCR0203	Pharmacology-I	4	4	0	0	4	60	40	0	0	100
4	UCR0204	Marketing Management	3	3	0	0	3	60	40	0	0	100
5	UCR0205	Health, Hospital and Drug Administration	4	4	0	0	4	60	40	0	0	100
6	UCR0206	Medical Therapeutics-I	4	4	0	0	4	60	40	0	0	100
7	UCR0207	Disaster Management	2	2	0	0	2	60	40	0	0	100
<b>TOTAL</b>			<b>22</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>420</b>	<b>280</b>	<b>0</b>	<b>0</b>	<b>700</b>

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**Scheme (w.e.f July 2021)**

**Semester-III**

SR NO	CODE	SUBJECTS	CREDITS	TEACHING SCHEME			Total (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	
1	UCR0301	Analytical and clinical Biochemistry	4	4	0	0	4	60	40	0	0	100
2	UCR0302	Basics of Biostatistics *	4	4	0	0	4	60	40	0	0	100
3	UCR0303	Bioethics and Biosafety	3	3	0	0	3	60	40	0	0	100
4	UCR0304	Preclinical Studies	4	4	0	0	4	60	40	0	0	100
5	UCR0305	Business application-Excel	3	1	0	4	5	0	0	60	40	100
6	UCR0306	Medical Therapeutics-II	4	4	0	0	4	60	40	0	0	100
7	UCR0307	Internship	4	..	..	40	40	0	0	60	40	100
<b>TOTAL</b>			<b>26</b>	<b>20</b>	<b>0</b>	<b>44</b>	<b>64</b>	<b>300</b>	<b>200</b>	<b>120</b>	<b>80</b>	<b>700</b>

**Indus University**

**Institute of Sciences, Humanities & Liberal Studies B.Sc. Clinical Research Teaching**

**Scheme (w.e.f July 2021)**

**Semester-IV**

SR NO	CODE	SUBJECTS	CREDITS	TEACHING SCHEME			Total (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	
1	UCR0401	Research Methodology	4	4	0	0	4	60	40	0	0	100
2	UCR0402	Pharmacology-II	4	4	0	0	4	60	40	0	0	100
3	UCR0403	Fundamentals of Clinical Trials Operations	4	4	0	0	4	60	40	0	0	100
4	UCR0404	Global Regulations Of clinical Trial	4	4	0	0	4	60	40	0	0	100
5	UCR0405	Environmental studies	3	3	0	0	3	60	40	0	0	100
6	UCR0406	Molecular Diagnostics	4	4	0	0	4	60	40	0	0	100
<b>TOTAL</b>			<b>23</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>360</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>600</b>

**Indus University**

**Institute of Sciences, Humanities & Liberal Studies B.Sc. Clinical Research Teaching**

**Scheme (w.e.f July 2021)**

**Semester-V**

SR NO	CODE	SUBJECTS	CREDITS	TEACHING SCHEME			Total (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	

1	UCR0501	Fundamentals of Pharmacovigilance and safety reporting	4	4	0	0	4	60	40	0	0	100
2	UCR0502	Clinical Data Management	4	4	0	0	4	60	40	0	0	100
3	UCR0503	Medical writing	4	4	0	0	4	60	40	0	0	100
4	UCR0504	Project Management	4	4	0	0	4	60	40	0	0	100
5	UCR0505	Healthcare Administration	4	4	0	0	4	60	40	0	0	100
6	UCR0506	Basics of SAS Training	3	0	0	6	6	0	0	60	40	100
7	UCR0507	Minor Project as per approved topic	3	0	0	40	40	0	0	60	40	100
<b>TOTAL</b>			<b>26</b>	<b>20</b>	<b>0</b>	<b>46</b>	<b>66</b>	<b>300</b>	<b>200</b>	<b>120</b>	<b>80</b>	<b>700</b>

<p style="text-align: center;"><b>Indus University</b>  <b>Institute of Sciences, Humanities &amp; Liberal Studies B.Sc. Clinical Research Teaching Scheme (w.e.f July 2021)</b>  <b>Semester-VI</b></p>												
SR NO	CODE	SUBJECTS	CREDITS	TEACHING SCHEME			Total (HR S)	EXAMINATION SCHEME				
				L	T	P		TH		PRACT		TOTAL
								CIE	ESE	CIE	ESE	
1	UCR0601	Medical records Management	4	4	0	0	4	60	40	0	0	100
2	UCR0602	Basic Epidemiology	4	4	0	0	4	60	40	0	0	100
3	UCR0603	Quality in Healthcare and Total Quality Management	4	4	0	0	4	60	40	0	0	100
4	UCR0604	Ethics in Clinical Research	4	4	0	0	4	60	40	0	0	100
5	UCR0605	Hospital Management and Law	4	4	0	0	4	60	40	0	0	100
6	EN0601	Employability Skills & Personality Development	2	2	0	0	2	60	40	0	0	100
7	UCR0607	Internship Training and Reporting	4	0	0	40	40	0	0	60	40	100
8	UCR0608	Major Project on Approved Topic	4	0	0	40	40	0	0	60	40	100
<b>TOTAL</b>			<b>30</b>	<b>22</b>	<b>0</b>	<b>80</b>	<b>102</b>	<b>360</b>	<b>240</b>	<b>120</b>	<b>80</b>	<b>800</b>