



Clinical Laboratory Sciences Bridging Study Plan

CODE	COURSE TITLE	Level	SCH	Contact Hours				SCH	Pre-Requisite
			FORMAT	L	P	C	Total		
IST 200	Islamic Studies II	1	2(2+0+0)	2	0	0	2	2	-
CLS 311	Clinical Immunology & Serology	1	3(2+1+0)	2	3	0	5	3	-
CLS 312	Clinical Chemistry I	1	4(3+1+0)	3	3	0	6	4	-
CLS 313	Medical Parasitology	1	4(3+1+0)	3	3	0	6	4	-
ARB 213	Arabic Studies I	1	2(2+0+0)	2	0	0	2	2	-
BST 312	Biostatistics	1	2(2+0+0)	2	0	0	2	2	-
<b>Total Hours/Week</b>			<b>17 (14+3+0)</b>	<b>14</b>	<b>9</b>	<b>0</b>	<b>23</b>	<b>17</b>	
<b>Total Hours/Semester</b>							<b>368</b>		

CODE	COURSE TITLE	Level	SCH	Contact Hours				SCH	Pre-Requisite
			FORMAT	L	P	C	Total		
CLS 320	Hematology I	2	4(3+1+0)	3	3	0	6	4	-
CLS 322	Histopathology & Cytopathology	2	3(2+1+0)	2	3	0	5	3	-
CLS 323	Clinical Chemistry II	2	4(3+1+0)	3	3	0	6	4	CLS 312
CLS 324	Introduction to Human Genetics	2	1(1+0+0)	1	0	0	1	1	-
CLS 325	Quality Control	2	2(2+0+0)	2	0	0	2	2	BST 312
IST 201	Islamic Studies III	2	2(2+0+0)	2	0	0	2	2	-
RM 320	Research Methodology	2	2(2+0+0)	2	0	0	2	2	BST 312
<b>Total Hours/Week</b>			<b>18(15+3+0)</b>	<b>15</b>	<b>9</b>	<b>0</b>	<b>24</b>	<b>18</b>	
<b>Total Hours/Semester</b>							<b>384</b>		

CODE	COURSE TITLE	Level	SCH	Contact Hours				SCH	Pre-Requisite
			FORMAT	L	P	C	Total		
CLS 410	Microbiology II	3	4(3+1+0)	3	3	0	6	4	-
CLS 411	Blood Banking I	3	3(2+1+0)	2	3	0	5	3	-
CLS 412	Hematology II	3	4(3+1+0)	3	3	0	6	4	CLS 320
CLS 413	Clinical Chemistry III	3	3(2+1+0)	2	3	0	5	3	CLS 323
IST 300	Islamic Studies IV	3	2(2+0+0)	2	0	0	2	2	-
CLS 414	Molecular Biology	3	3(2+1+0)	2	3	0	5	3	CLS 324
<b>Total Hours/Week</b>			<b>19(14+5+0)</b>	<b>14</b>	<b>15</b>	<b>0</b>	<b>29</b>	<b>19</b>	
<b>Total Hours/Semester</b>							<b>464</b>		

CODE	COURSE TITLE	Level	SCH	Contact Hours				SCH	Pre-Requisite
			FORMAT	L	P	C	Total		
CLS 420	Microbiology III	4	3(2+1+0)	2	3	0	5	3	CLS 410
CLS 421	Blood Banking II	4	3(2+1+0)	2	3	0	5	3	CLS 411
CLS 422	Laboratory Management	4	2(2+0+0)	2	0	0	2	2	-
CLS 423	Virology	4	2(1+1+0)	1	3	0	4	2	CLS 311
ARB 214	Arabic Studies II	4	2(2+0+0)	2	0	0	2	2	-
CLS 425	Epidemiology	4	2(2+0+0)	2	0	0	2	2	BST 312
CLS 426	Individual Research Project	4	2(2+0+0)	2	0	0	2	2	RM 320
<b>Total Hours/Week</b>			<b>16 (13+3+0)</b>	<b>13</b>	<b>9</b>	<b>0</b>	<b>22</b>	<b>16</b>	
<b>Total Hours/Semester</b>							<b>352</b>		
<b>Total Hours</b>							<b>1568</b>	<b>70</b>	

9/5/2019

  
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