

**Total number of Credits**

Credits	No. of Credits
Core Credits	18
Non-Core Credits	6
Thesis Credits	8
Total	32

**Table No:1:** Compensatory Courses in Educational Program for Master's Degree in Clinical Biochemistry

Course code	Course name	No. of Credits	Theory	Practical	Total	Prerequisite
01	General Physiology	2	34	-	34	-
02	General Biochemistry	6	85	32	119	-
03	General Immunology	2	34	-	34	-
04	Medical Informatics	1	9	17	26	-
<b>Total</b>			<b>11</b>			

**Table No:2:** Core Courses in Educational program for Master's Degree in Clinical Biochemistry

Course code	Course name	No. of Credits	Theory	Practical	Total	Prerequisite
05	Laboratory Techniques	2	17	34	57	02
06	Biochemistry and Molecular Detection	2	34	-	34	02
07	Enzymology	2	34	-	34	02
08	Metabolism and Metabolic Disorders	2	34	-	34	02
09	Biochemistry of Hormones and Tumor Markers	2	34	-	34	02
10	Advanced Biochemistry of Tissues	2	34	-	34	02-03
11	Clinical Biochemistry	3	51	-	51	02-05
12	Seminar	1	17	-	17	-
13	Hospital Internship	2	-	102	102	All Theory and Practical Courses
14	Thesis	8	-	-	-	-
<b>Total</b>			<b>26</b>			

**Table No:3** : Non-Core Courses in Educational program for Master's Degree in Clinical Biochemistry

Course code	Course name	No. of Credits	Theory	Practical	Total	Prerequisite
15	Immunochemistry	2	34	-	34	05-02-03
16	Hematology	2	34	-	34	-
17	Research Methods	2	34	-	34	-
18	Biochemistry of Nutrition	2	34	-	34	02
19	Cytochemistry	2	34	-	34	05-02
20	Membrane Biochemistry	2	34	-	34	02-01
21	Cellular Mechanism of Diseases	2	34	-	34	02
22	Bioinformatics	2	17	34	51	02
23	Applied Statistics	2	34	-	34	-
Total		18				

**In the end of second term student should defend her/his proposal.**