

Basic courses of continuous bachelor's degree in laboratory sciences

Code	Name	Number of credits	Hours			Prerequisites
			Theoretical	Practical	Total	
01	General physics	2	34	-	34	-
02	General physics laboratory	1	-	34	34	Concurrent 01
03	General chemistry	2	34	-	34	-
04	General chemistry laboratory	1	-	34		Concurrent 03
05	General biochemistry	3	51	-	51	03
06	General biochemistry laboratory	1	-	34	34	Concurrent 05
07	Cellular and Molecular Biology	3	34	34	68	-
08	Theoretical anatomy	2	34	-	34	-
09	Practical anatomy	1	-	34	34	Concurrent 08
10	Theoretical physiology	1	-	34	34	07
11	Physiology laboratory	1	-	34	34	Concurrent 10
12	Biophysics	2	34	-	34	01
13	Theoretical histology	1	17	-	17	08
14	Histology laboratory	1	-	34	34	Concurrent 13
15	Public Health and Epidemiology	2	34	-	34	-
16	General Psychology	2	34	-	34	-
17	Computer	2	34	-	34	-

18	Biostatistics	2	34	-	34	-
Total		31				

### Dedicated courses in the undergraduate course of laboratory sciences

Code	Name	Number of credits	Hours			Prerequisites
			Theoretical	Practical	Total	
19	Medical biochemistry 1	3	51	-	51	05
20	Medical biochemistry laboratory 1	1	-	34	34	Concurrent 19
21	General bacteriology	2	34	-	34	07
22	General bacteriology laboratory	1	-	34	34	Concurrent 21
23	Parasitology 1 (worms)	2	34	-		07
24	Parasitology laboratory	1	-	34	34	Concurrent 23
25	Medical Immunology	3	51	-	51	10
26	Medical Immunology laboratory	2	-	68	68	Concurrent 25
27	Medical Virology	2	34	-	34	21
28	Medical virology laboratory	1	-	34	34	Concurrent 27
29	Parasitology 2 (protozoa and insects)	2	34	-	34	23
30	Parasitology Laboratory 2	1	-	34	34	Concurrent 29
31	General pathology	2	34	-	34	13
32	General pathology laboratory	1	-	34	34	Concurrent 31
33	Medical biochemistry 2	2	34	-	34	19
34	Medical biochemistry laboratory 2	1	-	34	34	Concurrent 33
35	Pharmacology	2	34	-	34	19,10
36	Toxicology	1	17	-	17	35
37	Toxicology laboratory	1	-	34	34	Concurrent 36
38	English texts and	2	34	-	34	-

	medical terminology					
39	Principles of safety and protection in the laboratory	1	17	-	17	25,27
40	Hematology 1	3	51	-	51	10
41	Hematology laboratory 1	2	-	68	68	Concurrent 40
42	Technical principles and maintenance of laboratory equipment	1	17	-	17	12,33
43	Immunoematology	2	34	-	34	25
44	Immunoematology laboratory	1	-	34	34	Concurrent 43
45	Hormoneology	1	17	-	17	33
46	Hormoneology laboratory	1	-	34	34	Concurrent 45
47	Medical mycology	2	34	-	34	21
48	Medical mycology laboratory	1	-	34	34	Concurrent 47
49	Hematology 2	2	34	-	34	40
50	Hematology laboratory 2	1	-	34	34	Concurrent 49
51	Principles of management and laboratory rules	1	17	-	17	39
52	Qualitative control methods in clinical laboratories	1	17	-	17	33,49
53	Medical Bacteriology	3	51	-	51	21
54	Medical Bacteriology laboratory	1	-	34	34	Concurrent 53
55	Familiarity with internal diseases	2	34	-	34	19,49
56	Medical Genetics	1	17	-	17	07
57	Seminar	1	17	-	17	33,49
Total		61				

### Internship in the field of continuous undergraduate laboratory science

Code	Name	Number of credit	Hours
58	Internship in the field	16	816
Total		16	