

Basic Sciences of Medicine

Table 1: First Semester

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours		Total Credits	Prerequisite
				Theoretical	Practical		
1	101	–	Introduction to Anatomy	38	8	2.5	–
2	111	–	Cell Physiology	14	–	0.8	–
3	133	–	Principles of Health Services	26	–	1.5	–
4	120	–	Molecular and cellular Biochemistry	32	15	2.3	–
5	141	–	Medical Etiquette (1)	–	17	0.5	–
6	140	*	Health Psychology	34	–	2	–
7	17	–	General English	51	–	3	–
8	16	–	Persian Literature	51	–	3	–
9	1	–	Islamic Thought 1	34	–	2	–
10	12	–	Analytical History of	34	–	2	–
	Total	–				19.6	–

Table 2: Second Semester

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours		Total Credits	Prerequisite
				Theoretical	Practical		
11	102	–	Musculoskeletal Anatomy	30	20	2.4	1
12	104	–	Cardiovascular System Anatomy	17	16	1.5	1

13	105	–	Respiratory System Anatomy	8	8	0.7	1
14	110	–	Genitourinary System Anatomy	14	8	1.1	1
15	112	–	Cardio Physiology	8	2	0.5	2
16	113	–	Respiratory Physiology	10	4	0.7	2
17	115	–	Physiology of Circulation	19	4	1.2	2
18	117	–	Blood Physiology	5	2	0.4	2
19	119	–	Kidney Physiology	12	4	0.8	2
20	121		Biochemistry of Discipline (Metabolism)	22	15	1.7	4
21	131	*	Medical Immunology	30	8	2	–
22	142	–	Medical Etiquette (2)	–	17	0.5	–
23	145	–	Medical Specialized Language (1)	51	–	3	7
24	6	–	Islamic Ethics	34	–	2	–
25	18	–	Physical Education (1)	–	34	1	–
	Total					19.6	

Table 3: Third Semester

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours		Total Credits	Prerequisite
				Theoretical	Practical		
26	108	–	Nervous System Anatomy	25	14	1.9	1
27	103	–	Head and Neck Anatomy	20	17	1.7	1
28	109	–	Special Senses Anatomy	14	4	0.9	1
29	106	–	Digestive System Anatomy	26	17	2	1

30	107	–	Endocrine Glands Anatomy	4	6	0.4	1
31	116	–	Gastrointestinal Physiology	10	4	0.7	2
32	114	–	Neurological and Special Senses Physiology	24	4	1.5	2
33	122	–	Hormones Biochemistry	12	–	0.7	20_4
34	123	–	Kidney Biochemistry	4	–	0.2	20_4
35	127	–	Medical Bacteriology	41	20	3	–
36	118	–	Endocrinology and Reproduction Physiology	20	4	1.3	2
37	143	–	Medical Etiquette (3)	–	17	0.5	–
38	146	–	Medical Specialized Language	51	–	3	23
39	14	–	Thematic Interpretation of Quran	34	–	2	–
Total						19.8	

Table 4: Fourth Semester

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours		Total Credits	Prerequisite
				Theoretical	Practical		
40	130	–	Medical Virology	17	–	1	
41	128	–	Parasitology	28	12	2	
42	129	–	Medical Mycology	15	4	1	
43	134	–	Principles of Epidemiology	34	–	2	
44	124	*	Medical Genetics	34	–	2	2_4
45	126	*	Medical Physics	30	8	2	

46	144	–	Medical Etiquette (4)	–	17	0.5	
47	9	–	Islamic Revolution of Iran	34	–	2	
48	2	–	Islamic Thought (2)	34	–	2	
49	19	–	Physical Education (2)	–	34	1	25
50	125	*	General Principles of Nutrition	34	–	2	4
Total		–				17.5	

Four Elective Credits: Kurdish Language _ Familiarity with Holy Defense

General Courses: Passing at least 4 credits out of 24 before The Comprehensive Medical Basic Sciences Exam

Basic Courses: Passing at least 46.5 credits out of 60.5 before The Comprehensive Medical Basic Sciences Exam

Acquiring a passing score in The Comprehensive Medical Basic Sciences Exam is prerequisite for entering the Clinical Introduction Stage

Floating Credits refers to the Credits which are floating between Basic Sciences and Clinical Introduction Stages

Medical Etiquette Courses are held in the form of Workshops.

Table 5: Clinical Introduction (First Semester)

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours			Credits	Prerequisite or Concurrent
				Theoretical	Practical	Internship		
51	164	*	Basic Principles of Medical Pharmacology	17			1	Biochemistry & Physiology
52	147	*	General Pathology	9			0.5	1

			and Cell Damage					
53	148	–	Pathology of Inflammation, Tissue Repair, and Hemodynamic Disorder	10			0.6	52
54	149	–	Pathology of the Human Beings Immune System Disorders	8			0.5	21_ 53
55	150	–	Pathology of Neoplasia	10			0.6	53
56	151	–	Pathology of Genetic Disorders and Childhood Diseases	8			0.5	53
57	152	–	Pathology of Environmental, Nutritional, and Infectious Diseases	6			0.4	53
58	170	–	History and Physical Examination (1)	17			1	–
59	171	–	Internship of History and Physical Examination(1)			51	1	–
60	174	–	Clinical Reasoning in the Approach towards	8			0.5	–

			Common Symptoms					
61	135	_	Medical Statistics	17			1	43
62	136	*	Research Methodology and Evidence-Based Medicine	7	19		1	43_ 61
63	137	*	Epidemiology of Communicable Diseases in the Country	17			1	43
64	132	_	Clinical Immunology	17			1	21
65	153	_	Practical Pathology		34		1	General Pathology
66	21	_	Culture and Civilization of Islam and Iran	34			2	_
67	20	_	Knowledge of Family and Population	34			2	_
68	177	_	Introduction to Blood Diseases	32	4		2	_
69	160	_	The Pathology of the Reproductive System, Lower Urinary Tract, and Breasts	10	4		0.7	General Pathology
70	163	_	Pathology of the Central and Peripheral Nervous System	8	2		0.5	General Pathology

Total							19.8	
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Table 6: Clinical Introduction (Second Semester)

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours			Credits	Prerequisite or Concurrent
				Theoretical	Practical	Internship		
71	155	–	Specialized Pathology of the Cardiovascular System	6	2		0.4	General Pathology Courses
72	165	–	Pharmacology of the Cardiovascular and Pulmonary Drugs	10			0.6	
73	175	–	Introduction to Cardiovascular Diseases	32	4		2	
74	167	*	Pharmacology of the Digestive, Blood and Rheumatic Drugs	10			0.6	51
75	158		Pathology of the Digestive System	8	4		0.6	General Pathology Courses
76	161		Pathology of Both Blood and Endocrine Glands Diseases	10	2		0.6	General Pathology Courses
77	178		Introduction to Both Digestive and Liver Diseases	36	4		2.2	
78	179		Introduction to Metabolic and Glands Diseases	32	4		2	
79	181		Introduction to Rheumatic Diseases	26	4		1.6	

80	162		Pathology of Skin, Bones, Soft Tissue and Joints	8	4		0.6	General Pathology Courses
81	159		Pathology of Liver and Bile Ducts	6	2		0.4	General Pathology Courses
82	156		Pathology of the Respiratory System	6	2		0.4	General Pathology Courses
83	176		Introduction to The Respiratory System Diseases	32	4		2	
84	157		Pathology of Kidney and Upper Urinary Tracts	6	2		0.4	General Pathology Courses
85	180		Introduction to Kidney Diseases	26	4		1.6	General Pathology Courses
86	168		Pharmacology of Endocrine Drugs	9			0.5	51
87	172	*	History and Physical Examination (2)	17			1	
88	173		Internship of History and Physical Examination (2)			51	1	
89	138	*	Epidemiology of Common Non-Communicable Diseases in the Country	17			1	43
Total	19.5							

Table Seven: Clinical Introduction (Second Semester)

Row	Code of the Course	Floating Credits	Name of the Course	Teaching Hours			Credits	Prerequisite or Concurrent
				Theoretical	Practical	Internship		
90	166	*	Pharmacology of Anti-	10			0.6	51

			Microbial Drugs					
91	169	*	Pharmacology of the Neurological System	12			0.7	51
92	182	–	Introduction to Childhood Diseases	17			1	
93	183	–	Introduction to Surgical Diseases	15	4		1	
94	184	–	Introduction to Neurological Diseases	9			0.5	
95	185	–	Introduction to Psychiatry	8			0.5	
96	186	–	Introduction to Infectious Diseases	17			1	
97	154	–	Clinical Pathology	16	2		1	65 & General Pathology Courses
Total								

- Rows 51 to 57 are floating between Basic Sciences and Clinical Introduction Stages.
- Specialized Credits of the Clinical Introduction Stage are 29
- The number of floating credits between basic sciences and clinical introduction are 15 credits among Basic Courses
- The sign * indicates floating between Clinical Introduction and Internship Stages