



Course Description Guideline in General Medical Doctorate

Basic Science Courses

First semester

Course	Theoretical Hours	Practical Hours
Cell Physiology	14	-
Dissection Introduction	38	8
Cell Biochemistry	32	15
Musculoskeletal Dissection	30	20
Blood Physiology	5	2
Ethics And Concepts	34	-
Head And Neck Anatomy	20	17
Persian Literature	51	-
Principles of Health Services	26	-
General Language	51	-
Medical Etiquette 1	4	8



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Second Semester

Course	Theoretical Hours	Practical Hours
Circulatory Physiology	19	4
Cardiovascular Dissection	17	16
Cardiac Physiology	8	2
Respiratory Dissection	8	8
Respiratory Physiology	10	4
Gastrointestinal Physiology	10	4
Gastrointestinal Dissection	26	17
Specialized Language 1	51	-
Physical Sport Education 1	-	34
Biochemistry Discipline	22	15
Epidemiology	34	-
Islamic Thought	34	-
Islamic Revolution	34	-
Medical Etiquette 2	4	8



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Third Semester

Course	Theoretical Hour	Practical Hour
Endocrine Physiology	20	4
Endocrine Dissection	4	6
Biochemistry	12	-
Urinary Dissection	14	8
Kidney Physiology	12	4
Kidney Biochemistry	4	-
Physiology Of Nerves And Special Senses	24	4
Nerves Dissection	25	14
Special Senses Dissection	14	4
Medical Etiquette3	4	8
Special Language3	51	-
Islamic Thought2	34	-
Medical Immunology	30	8
Islam Of History	34	-
Physical Sport Education2	17	-



Ilam University of Medical Sciences

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Basic Science Courses

Fourth Semester

Course	Theoretical Hour	Practical Hour
Bacteriology	41	20
Virology	17	-
Parasitology	28	12
Mycology	15	4
Islamic Texts	34	-
General Pathology	51	34
Medical Etiquette ⁴	4	8
Family Knowledge	34	-
History Of Culture And Civilization	34	-



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Physiopathology courses

Fifth Semester

Course	Theoretical Hour	Practical Hour	Total
Health Psychology	2		2
Epidemiology 1	1		1
Epidemiology 2	1		1
Medical Physics	1/76	0/24 8Hours	2
Clinical Immunology	1	---	1
Medical Statistics	1		1
Research Methods	2		2
Pediatrics Introduction	1		1
Preliminaries of Surgical Diseases	0/88	0/12 4hours Workshop	1
Introduction To Psychiatry	.5		.5
Rheumatic Diseases	1/5	0/1 4 Hours	1/6
Clinical Reasoning	0/5		.5
Total	14/14	0/46	14/6



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Physiopathology courses

Sixth Semester

Course		Theoretical Hour	Practical Hour	Total	
Pharmacology 1	Principles of Pharmacology	1		2.124	
	Endocrine	0/529			
	Anti-Bacterial	0/595			
Pathology 1	Central And Peripheral Nerves	0/47	0/058	0/528	2.42
	Soft Skin And Bones And Tissues	0/47	0/117	0/587	
	Kidney And Upper Urinary Tract	0/35	0/058	0/408	
	Lower Urinary Tract And Breast	0/6	0/117	0/717	
Nephrology		1/4	0/2	1/6	
Nervous System		0/5	-	0/5	
Infectious Diseases		1	-	1	
Glands		1/88	0/12	2	
Semiology 1		1	1	2	
Semiology 2		1	1	2	
Total		13.464			



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Physiopathology courses

Seventh Semester

Course		Theoretical Hour	Practical Hour	Total	
Pharmacology2	Heart And Lungs	0/588		1.876	
	Gastrointestinal, Blood, Rheumatology	0/588			
	Psychiatry	0/7			
Pathology 2	Cardiovascular	0/35	0/058	0/408	2.46
	Breathing	0/35	0/058	0/408	
	Gastrointestinal	0/46	0/117	0/577	
	Liver and Bile Ducts	0/35	0/058	0/408	
	Blood and Glands	0/6	0/059	0/659	
Cardiology		1/88	0/12	2	
Gastrointestinal		2	0/1	2/1	
Respiratory		1/88	0/12	2	
Hematology		1/88	0/12	2	