

Term Schedule of MD
(Entrance for the Second Semester of the academic year 2019-2020)

SEMESTER 1				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Introduction to the Anatomical Sciences	2/24	0/24	-
2	Cell and Molecular Biochemistry	1/88	0/44	-
3	Principles of the Health Services	1/53	-	-
4	Medical Practices 1	-	0/5	-
5	General English Language	3	-	-
6	Physics in Medicine	1/76	0/24	-
7	Health Psychology	2	-	-
8	Islamic Knowledge (Science of Quran)	2	-	-
9	Cell Physiology	0/82	-	-
Total Credits		15.23	1.42	16.65

SEMESTER 2				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Introduction to Computer	0/5	0/5	-
2	Physical Education 1	-	1	-
3	Discipline Biochemistry	1/3	0/44	Cell and Molecular Biochemistry
4	Physiology of the Nervous System and Special Senses	1/41	-	Cell Physiology
5	Principles of Epidemiology	2	-	-
	Anatomy of the Head & Neck	1/18	0/5	Introduction to the Anatomical Sciences
6	English for Special Purposes 1	3	-	General English Language
7	Anatomy of the Nervous System	1/47	0/41	Introduction to the Anatomical Sciences
8	Islamic Knowledge 2	2	-	-
9	Medical Practices 2	-	0/5	-
10	Musculoskeletal Anatomy	1/75	0/6	Introduction to the Anatomical Sciences
11	Anatomy of the Special Senses	0/82	0/12	Introduction to the Anatomical Sciences
Total Credits		15.43	4.07	19.5

SEMESTER 3				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Medical Practices 3	-	0/5	-
2	English for Special Purposes 2	3	-	English for Special Purposes 1
3	Physiology of Blood	0/29	-	Cell Physiology
4	Physiology of Respiration	0/59	-	Cell Physiology
5	Physiology of the Circulatory System	1/12	-	Cell Physiology
6	Anatomy of the Respiratory System	0/47	0/24	Introduction to the Anatomical Sciences
7	Medical Genetics	2	-	Cell and Molecular Biochemistry- Cell Physiology
8	Parasitology	1/65	0/35	-
9	General Nutritional Principles	2	-	Cell and Molecular Biochemistry
10	Medical Bacteriology	2/41	0/59	-
11	Islamic Knowledge 3	2	-	-
12	Anatomy of the Cardiovascular System	1	0/48	Introduction to the Anatomical Sciences
13	Physiology of the Heart	0/47	-	Cell Physiology
14	Persian Literature	3	-	-
Total Credits		20	2.16	22.16

SEMESTER 4				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Anatomy of the Gastrointestinal System	1/5	0/5	Introduction to the Anatomical Sciences
2	Physiology of the Gastrointestinal System	0/59	--	Cell Physiology
3	Anatomy of the Genitourinary System	0/8	0/29	Introduction to the Anatomical Sciences
4	Anatomy of the Endocrine System	0/24	0/18	Introduction to the Anatomical Sciences
5	Medical Virology	1	-	-
6	Medical Immunology	1/76	0/44	-
7	Physical Education 2	-	1	Physical Education 1
8	Physiology of the Endocrine System and Reproduction	1/18	-	Cell Physiology
9	Hormones Biochemistry	0/71	-	Cell and Molecular Biochemistry - Discipline Biochemistry
10	Medical Practices 4	-	0/5	-
11	Medical Mycology	0/88	0/12	-
12	Basic Principles of Medical Pharmacology	1	-	Biochemistry- Physiology- Anatomy of the Nervous System
13	General Pathology	3	1	-
14	Kidney Biochemistry	0/24	-	Cell and Molecular Biochemistry - Discipline Biochemistry
15	Physiology (Practical)	-	0/8	-
16	Surgical Anatomy	1	-	-
17	Physiology of the Urinary System	0/71	-	Cell Physiology
Total Credits		14.61	4.83	19.44

SEMESTER 5								
Clinical Preliminaries I (ICM-I)								
No.	Course	Credit				Total Credit	Total Time (Hours)	Prerequisites
		Theo.	Time (Hours)	Prac.	Time (Hours)			
1	Introduction to Hematology	1.88	32	0.12	4	2	36	-
2	Introduction to Endocrinology and Metabolic Diseases	1.88	32	0.12	4	2	36	-
3	Introduction to Rheumatology	1.49	26	0.11	4	1.6	30	-
4	Introduction to Gastrointestinal System and Hepatology	2	36	0.1	4	2.1	40	-
5	Skin, Bones, Soft Tissues and Joints Pathology	0.48	8	0.12	4	0.6	12	General and Practical Pathology
6	Gastrointestinal System Pathology	0.48	8	0.12	4	0.6	12	General and Practical Pathology
7	Liver and Bile Tracts Pathology	0.35	6	0.05	2	0.4	8	General and Practical Pathology
8	Hematology and Endocrinology Pathology	0.55	10	0.05	2	0.6	12	General and Practical Pathology
9	Cardiovascular & Pulmonary Drugs Pharmacology	0.6	10	-	-	0.6	10	Basic Principals of Medical Pharmacology
10	Endocrine Drugs Pharmacology	0.5	9	-	-	0.5	9	Basic Principal of Medical Pharmacology
11	Medical History and Physical Examination I	1	17	-	-	1	17	-
12	Medical History and Physical Examination Clerkship I	-	-	1	51	1	51	-
13	Introduction to Pediatrics	1	17	-	-	1	17	-
14	Introduction to Surgical Diseases	0.88	15	0.12	4	1	19	-
15	Clinical Reasoning of Common Signs and Symptoms Approach	0.5	8	-	-	0.5	8	-
16	Nutrition in Diseases	1.65	28	0.35	12	2	40	Non-core
17	Common Contagious Diseases Epidemiology in Country	1	17	-	-	1	17	Principal of Epidemiology
Total Credits		18.5						

SEMESTER 6								
Clinical Preliminaries II (ICM-II)								
No.	Course	Credit				Total Credit	Total Time (Hours)	Prerequisites
		Theo.	Time (Hours)	Prac.	Time (Hours)			
1	Introduction to Cardiovascular Diseases	1.88	32	0.12	4	2	36	-
2	Introduction to Nephrology	1.5	26	0.1	4	1.6	30	-
3	Introduction to Respiratory System	1.88	32	0.12	4	2	36	-
4	Cardiovascular System Pathology	0.35	6	0.05	2	0.4	8	General and Practical Pathology
5	Kidney and Upper Urinary Tracts Pathology	0.35	6	0.05	2	0.4	8	General and Practical Pathology
6	Genital System, Lower Urinary Tract, and Breast Pathology	0.6	10	0.14	4	0.74	14	General and Practical Pathology
7	Respiratory System Pathology	0.35	6	0.05	2	0.4	8	General and Practical Pathology
8	Central and Peripheral Nervous System Pathology	0.5	8	0.06	2	0.56	10	General and Practical Pathology
9	Antimicrobial Drugs Pharmacology	0.6	10	-	-	0.6	10	Basic Principal of Medical Pharmacology
10	Neurology Drugs Pharmacology	0.7	12	-	-	0.7	12	Basic Principal of Medical Pharmacology
11	Cardiovascular & Pulmonary Drugs Pharmacology	0.6	10	-	-	0.6	10	Basic Principal of Medical Pharmacology
12	Medical History and Physical Examination II	1	17	-	-	1	17	-
13	Medical History and Physical Examination Clerkship II	-	-	1	51	1	51	-
14	Introduction to Infectious Diseases	1	17	-	-	1	17	-
15	Introduction to Psychiatric	0.5	8	-	-	0.5	8	-
16	Introduction to Nervous System	0.5	9	-	-	0.5	9	-
17	Clinical Pathology	0.94	16	0.06	2	1	18	General and Practical Pathology
18	Biostatistics	1	17	-	-	1	17	Principal of Epidemiology
19	Practical Surgery	-	-	2	34	2	34	-
20	Clinical Immunology	1	17	-	-	1	17	-
21	Common Non-Contagious Diseases Epidemiology in Country	1	17	-	-	1	17	Principal of Epidemiology
Total Credits		20						

Clerkship							
No.	Course	Credit			Total Credit	Total Time (Hours/Months)	Prerequisites
		Theo.	Time (Hours)	Prac.			
1	Traditional Medicine	2	34	-	2	34	-
2	Internal Medicine Clerkship I & II	-	-	9	9	3	-
3	Cardiovascular Diseases Clerkship	-	-	3	3	1	-
4	Pediatrics Clerkship	-	-	9	9	3	-
5	Theoretical Pediatrics I	4	68	-	4	68	-
6	Theoretical Pediatrics II	1	17	-	1	17	-
7	General Surgery Clerkship II	-	-	6	6	2	-
8	Theoretical Surgical Diseases	5	85	-	5	85	-
9	Orthopedics Clerkship	-	-	3	3	1	-
10	Theoretical Orthopedics Diseases	3	51	-	3	51	-
11	Urology Clerkship	-	-	1.5	1.5	2	-
12	Theoretical Genitourinary Diseases (Urology)	1	17	-	1	17	-
13	Anesthesia Clerkship	-	-	1.5	1.5	2	-
14	Gynecology and Obstetrics Clerkship I & II	-	-	6	6	2	-
15	Theoretical Gynecology and Obstetrics Diseases	4	68	-	4	68	-
16	Community Medicine Clerkship	-	-	3	3	1	-
17	Psychiatry Clerkship	-	-	3	3	1	-
18	Theoretical Psychiatric Diseases	1.5	26	-	1.5	26	-
19	Emergency Medicine Clerkship	-	-	1.5	1.5	2	-
20	Radiology Clerkship	-	-	3	3	1	-
21	Infectious Diseases Clerkship	-	-	3	3	1	-
22	Theoretical Infectious Diseases	2	34	-	2	34	-
23	Neurology Clerkship	-	-	3	3	1	-
24	Theoretical Neurologic Diseases	1.5	26	-	1.5	26	-
25	Dermatology Clerkship	-	-	3	3	1	-
26	Ophthalmology Clerkship	-	-	1.5	1.5	2	-
27	Ear- Nose- Throat (ENT) Clerkship	-	-	3	3	1	-
28	Medical Ethics	2	34	-	2	34	-
29	Forensic Medicine and Intoxications	2	34	-	2	2634	-
30	Research Methodology and Evidence-Based Medicine	0.42	7	0.56 (19 hour)	1	26	Principal of Epidemiology, Biostatistics
31	Principles of Demography and Family Health	2	34	-	2	-	Principal of Health Services
Total Credits					95		

Internship			
No.	Course	Credit	Duration (Month)
1	General Internal Medicine Internship (Core)	12	3 months (12 weeks)
2	Internship for Cardiovascular Diseases (Core)	4	1 months (4 weeks)
3	Pediatrics Internship (Core)	12	3 months (12 weeks)
4	General Surgery Internship (Core)	8	2 months (8 weeks)
5	Internship in Gynecology and Obstetrics (Core)	8	2 months (8 weeks)
6	Internship in Community Medicine (Core)	4	1 months (4 weeks)
7	Internship in Emergency Medicine (Core)	4	1 months (4 weeks)
8	Psychiatry Internship (Core)	4	1 months (4 weeks)
9	Psychosomatic Diseases (Non-Core)	One credit per week of internship	2 to 4 weeks
10	Orthopedics (Non-Core)	2-4 Credits	2 to 4 weeks
11	Urology (Non-Core)	2-4 Credits	2 to 4 weeks
12	Infectious Diseases (Non-Core)	2-4 Credits	2 to 4 weeks
13	Neurologic Diseases (Non-Core)	2-4 Credits	2 to 4 weeks
14	Skin Diseases (Non-Core)	2-4 Credits	2 to 4 weeks
15	Eye Diseases (Non-Core)	2-4 Credits	2 to 4 weeks
16	Ear, Throat and Nose Diseases (Non-Core)	2-4 Credits	2 to 4 weeks
17	Family Medicine (Non-Core)	One credit per week of internship	2 to 12 weeks
18	Neurosurgery (Non-Core)	One credit per week of internship	2 to 4 weeks
19	Traditional Medicine (Non-Core)	One credit per week of internship	2 weeks
20	Anesthetics (Non-Core)	One credit per week of internship	2 weeks
21	Toxicology (Non-Core)	One credit per week of internship	2 weeks
22	Forensic Medicine (Non-Core)	One credit per week of internship	2 weeks
23	Physical Medicine and Rehabilitation (Non-Core)	One credit per week of internship	2 to 4 weeks
24	Thesis (Dissertation)	6	-
A total of 18 months, including: 56 Core credits (14 month), 12 Non-Core credits (3 months) and 1-month leave			