

Term Schedule of MD

SEMESTER 1				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Introduction to the Anatomical Sciences	2.25	0.25	-
2	Cell and Molecular Biochemistry	1.9	0.4	-
3	Principles of the Health Services	1.5	-	-
4	Medical Manner 1	-	0.5	-
5	General English Language	3	-	-
6	Physics in Medicine	1.75	0.25	-
7	Health Psychology	2	-	-
8	Islamic Knowledge (Science of Quran)	2	-	-
9	Cell Physiology	0.8	-	-
Total Credits		15.2	1.4	16.6

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	0.4	Cell and Molecular Biochemistry
4	Physiology of the Nervous System and Special Senses	1.4	0.1	Cell Physiology
5	Principles of Epidemiology	2	-	-
	The Anatomy of Head & Neck	1.2	0.5	Introduction to the Anatomical Sciences
6	English for Special Purposes 1	3	-	General English Language
7	The Anatomy of Nervous System	1.5	0.4	Introduction to the Anatomical Sciences
8	Islamic Knowledge 2	2	-	-
9	Medical Manner 2	-	0.5	-
10	The Anatomy of Musculoskeletal system	1.75	0.65	Introduction to the Anatomical Sciences
11	The Anatomy of Special Senses	0.8	0.1	Introduction to the Anatomical Sciences
Total Credits		15.45	4.15	19.6

SEMESTER 3				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	Medical Manner 3	-	0.5	-
2	English for Special Purposes 2	3	-	English for Special Purposes 1
3	Physiology of Blood	0.35	0.05	Cell Physiology
4	Physiology of Respiration	0.6	0.1	Cell Physiology
5	Physiology of the Circulatory System	1.1	0.1	Cell Physiology
6	The Anatomy of Respiratory System	0.45	0.25	Introduction to the Anatomical Sciences
7	Medical Genetics	2	-	Cell and Molecular Biochemistry- Cell Physiology
8	Parasitology	2	-	-
9	Introduction to Nutrition and Medical Nutrition Therapy	2	-	Cell and Molecular Biochemistry
10	Medical Bacteriology	2.4	0.6	-
11	Islamic Knowledge 3	2	-	-
12	The Anatomy of Cardiovascular System	1	0.5	Introduction to the Anatomical Sciences
13	Physiology of the Heart	0.45	0.05	Cell Physiology
14	Persian Literature	3	-	-
Total Credits		20.35	2.15	22.5

SEMESTER 4				
Row	The Name of Course	Credits		Perquisite
		Theoretical	Practical	
1	The Anatomy of Gastrointestinal System	1.5	0.5	Introduction to the Anatomical Sciences
2	Physiology of the Gastrointestinal System	0.6	0.1	Cell Physiology
3	the Anatomy of Uro-genital System	0.85	0.25	Introduction to the Anatomical Sciences
4	The Anatomy of Endocrine System	0.23	0.17	Introduction to the Anatomical Sciences
5	Medical Virology	1	-	-
6	Medical Immunology	1.75	0.25	-
7	Physical Education 2	-	1	Physical Education 1
8	Physiology of the Endocrine System and Reproduction	1.2	0.1	Cell Physiology
9	Hormones Biochemistry	0.7	-	Cell and Molecular Biochemistry - Discipline Biochemistry
10	Medical Manner 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	1	3.1	-
14	Kidney Biochemistry	0.2	-	Cell and Molecular Biochemistry - Discipline Biochemistry
15	Physiology (Practical)	-	0.8	-
16	Physiology of the Urinary System	0.7	0.1	Cell Physiology
Total Credits		11.61	6.99	18.6

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 Psychiatrics	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 Servies
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			