

Term Schedule of International MD

Version: 18/9/1404

SEMESTER 1					
Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
1	Introduction to the Anatomical Sciences	2.24	0.24	201 (theoretical)	-
				202 (practical)	
2	Cellular & Molecular Biochemistry	1.88	0.44	221 (theoretical)	-
				222 (practical)	
3	Preliminary Persian 1	3	-		-
4	lifestyle	2	-		-
5	Preliminary English 1	2	-		-
6	Islamic Knowledge1 (Science of Quran)	2	-	9111110	-
Total Credit Units		13.12	0.68		13.8

SEMESTER 2					
Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
1	Physical Education (1)	-	1	2252170	-
2	Discipline Biochemistry	1.29	0.44	223 (theoretical)	Cellular & Molecular Biochemistry
				224 (practical)	
3	Principles of the Health Services	1.53	-	133	-
4	Preliminary English 2	2	-		
5	Preliminary Persian 2	3	-		
6	Physics in Medicine	1.76	0.24	233 (theoretical)	
				234 (practical)	
7	Medical Mycology	0.88	0.12	229 (theoretical)	-
				230 (practical)	
8	Islamic Knowledge2 (Science of Quran)	2	-		-
9	Cell Physiology	0.82	-	111	-
10	Musculoskeletal Anatomy	1.75	0.6	203 (theoretical)	Introduction to the Anatomical Sciences
				204 (practical)	
Total Credit Units		15.03	2.4		17.44

SEMESTER 3

Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
1	Anatomy of the Special Senses	0.82	0.12	217 (theoretical) 218 (practical)	Introduction to the Anatomical Sciences
2	Anatomy of the Nervous System	1.47	0.41	215 (theoretical) 216 (practical)	Introduction to the Anatomical Sciences
3	Anatomy of the Endocrine System	0.24	0.18	213 (theoretical) 214 (practical)	Introduction to the Anatomical Sciences
4	Parasitology	1.65	0.35	227 (theoretical) 228 (practical)	-
5	Anatomy of the Head & Neck System	1.18	0.5	205 (theoretical) 206 (practical)	Introduction to the Anatomical Sciences
6	Renal Biochemistry	0.24	-	123	Cellular and Molecular Biochemistry-Discipline Biochemistry
7	Physical Education (2)	-	1	2252180	Physical Education (1)
8	Physiology of the Nervous System and Special Senses	1.41	-	114	Cell Physiology
9	Medical Genetics	2	-	124	Cellular & Molecular Biochemistry-Cell Physiology
10	Preliminary English 3	2	-		
11	Preliminary Persian 3	2	-		
12	Medical Practices (1)	-	0.5	141	-
13	Health Psychology	2	-	140	-
Total Credit Units		15.01	3.06	-	18.07

SEMESTER 4					
Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
1	Medical Practices (2)	-	0.5	142	-
2	Physiology of Respiration	0.59	-	113	Cell Physiology
3	Physiology of the Heart	0.47	-	112	Cell Physiology
5	Physiology of the Circulatory System	1.12	-	115	Cell Physiology
6	Blood Physiology	0.29	-	117	Cell Physiology
7	Iranian Contemporary History	2			
8	General English	3			Preliminary English 3
9	General Persian	3			Preliminary Persian 3
10	Anatomy of the Respiratory System	0.47	0.24	209 (theoretical) 210 (practical)	Introduction to the Anatomical Sciences
11	Anatomy of the Cardiovascular System	1	0.48	207 (theoretical) 208 (practical)	Introduction to the Anatomical Sciences
12	Hormones Biochemistry	0.71	-	122	Cell Physiology
14	Medical Bacteriology	2.41	0.59	225 (theoretical) 226 (practical)	-
Total Credit Units		17.06	1.81		18.87

SEMESTER 5					
Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
1	Anatomy of the Gastrointestinal System	1.5	0.5	211 (theoretical)	Introduction to the Anatomical Sciences
				212 (practical)	
2	Anatomy of the Genitourinary System	0.8	0.29	219 (theoretical)	Introduction to the Anatomical Sciences
				220 (practical)	
3	Basic Principles of Medical Pharmacology	1	-	164	Biochemistry-Physiology-Anatomy of the Nervous System
4	Medical Virology	1	-	130	-
5	Medical Practices (3)	-	0.5	143	-
6	Endocrine System and Reproduction Physiology	1.18	-	118	Cell Physiology
7	Physiology of the Gastrointestinal System	0.59	-	116	Cell Physiology
8	Renal Physiology	0.7	-		Cell Physiology
9	English for Special Purposes (1)	3	-		
10	Family and Population Study	2			
11	Medical Immunology	1.76	0.44	231 (theoretical)	
				232 (practical)	
12	Principles of Epidemiology	2	-	134	-
Total Credit Units		15.53	1.73	-	17.26

SEMESTER 6					
Row	Name of Course	Number of Credit Units		Course Code	Prerequisite(s)
		Theoretical	Practical		
15	General Nutritional Principles	2	-	125	Cellular & Molecular Biochemistry
4	General Pathology	3	1	555 (theoretical)	Cellular & Molecular Biochemistry
				71111 (practical)	
6	English for Special Purposes (2)	3	-	146	English for Special Purposes (1)
	History of culture and civilization of Iran and Islam	2			
9	Medical Practices (4)	-	0.5	144	-
10	Physiology	-	0.8	999	-
Total Credit Units		10	2.3		12.3

SEMESTER 7								
Course code	Course	Credits				Total Credit	Total Time (Hour)	perquisite
		Theoretical	Time (Hours)	Practical	Time (Hour)			
175	Introduction to cardiovascular diseases	1.88	32	0.12	4	2	36	-
155	Cardiovascular system pathology	0.35	6	0.05	2	0.4	8	General and Practical Pathology
165	Cardiovascular pulmonary drugs pharmacology	0.6	10	-	-	0.6	10	Basic Principal of Medical Pharmacology
176	Introduction to respiratory system	1.88	32	0.12	4	2	36	-
156	Respiratory system pathology	0.35	6	0.5	2	0.4	8	General and Practical Pathology
179	Introduction to endocrinology and metabolic diseases	1.88	32	0.12	4	2	36	-
161	Endocrinology pathology and metabolic diseases	0.4	8	-	-	0.4	8	General and Practical Pathology
1612	Pathology of hematology diseases	0.4	8	-	-	0.4	8	General and Practical Pathology
168	Endocrine drugs pharmacology	0.5	9	-	-	0.5	9	Basic Principles of Medical Pharmacology
180	Introduction to nephrology	1.5	26	0.1	4	1.6	30	-
157	Kidney and upper urinary tracts pathology	0.35	6	0.06	2	0.4	8	General and Practical Pathology
182	Introduction to pediatrics	1	17	-	-	1	17	-
184	Introduction to nervous system	0.5	9	-	-	0.5	9	-
163	General and peripheral nervous system pathology	0.5	8	0.06	2	0.56	10	General and Practical Pathology
169	Neurology drugs pharmacology	0.7	12	-	-	0.7	12	Basic Principles of Medical Pharmacology
185	Introduction to psychiatrics	0.5	8	-	-	0.5	8	-
132	Clinical immunology	1	17	-	-	1	17	-
170	Medical history and physical examination 1	1	17	-	-	1	17	-
171	Medical history and physical examination clerkship 1	-	-	1	51	1	51	-
Total Credit Units		15.29		2.13		17.42		

SEMESTER 8								
Course code	Course	Credit Units				Total Credit Units	Total Time (Hour)	Prerequisite(s)
		Theoretical	Time (Hours)	Practical	Time (Hour)			
178	Introduction to gastrointestinal system & hepatology	2	36	0.1	4	2.1	40	-
158	Gastrointestinal system pathology	0.48	8	0.12	4	0.6	12	General and practical pathology
159	Liver & bile tracts pathology	0.35	6	0.05	2	0.4	8	General and practical pathology
167	Gastrointestinal, blood & rheumatology drug pharmacology	0.6	10	-	-	0.6	10	Basic principles of medical pharmacology
177	Introduction to hematology	1.88	32	0.12	4	2	36	-
1612	Pathology of hematology diseases	0.4		-		0.4		
181	Introduction to infectious diseases	1	17	-	-	1	17	-
166	Antimicrobial drugs pharmacology	0.6	10	-	-	0.6	10	Basic principles of medical pharmacology
183	Introduction to surgical diseases	0.88	15	0.12	4	1	19	-
160	Skin, bones, soft tissues and joints pathology	0.48	8	0.12	4	0.6	12	General and practical pathology
160	Genital system , lower urinary tracts and breast pathology	0.7	14	-	-	0.7	14	General and practical pathology
181	Introduction to rheumatology	1.49	26	0.11	4	1.6	30	-
154	Clinical pathology	0.94	16	0.06	2	1	18	General and practical pathology
135	Biostatistics	1	17	-	-	1	17	Principles of epidemiology
174	Clinical reasoning of common signs and symptoms approach	0.5	8	-	-	0.5	8	-
172	Medical history and physical examination 2	-	-	1	51	1	51	-
173 D	Medical history and physical examination clerkship 2	-	-	1	51	1	51	-
Total Credit Units		13.3		2.8		16.1		

SEMESTER 9								
Course code	Course	Credit Units				Total Credit Units	Total Time (Hour, Day, Month)	Prerequisite(s)
		Theoretical	Time (Hour, Day, Month)	Practical	Time (Hour, Day, Month)			
1880	Internal medicine clerkship	-		9	3Month	9	3Month	-
1960	General surgery clerkship	-	-	6	3Month	6	3Month	-
2050	Anesthesia clerkship	-	-	1.5	15Day	1.5	15Day	-
2140	Emergency medicine clerkship	-	-	1.5	15Day	1.5	15Day	-
2090	Community medicine clerkship	-	-	3	1Month	3	1Month	-
2160	Radiology clerkship	-	-	3	1Month	3	1Month	-
1360	Research methodology and evidence-based medicine	1.0	17 Hour	0.2	7Hour	1.2	24Hour	-
2290	Medical ethics	2.0	34 Hour	-	-	2.0	34Hour	-
4320	Health management in disasters and accidents	2.0	34 Hour	-	-	2.0	34Hour	-
Total Credit Units		5.0		24.2		29.2		

SEMESTER 10								
Course code	Course	Credit Units				Total Credit Units	Total Time (Hour, Day, Month)	Prerequisite(s)
		Theoretical	Time (Hour, Day, Month)	Practical	Time (Hour, Day, Month)			
2060	Gynecology and obstetrics clerkship	-	-	6.0	2Month	6.0	2Month	-
2080	Theoretical gynecology and obstetrics disease	4.0	-	-	68Hour	4.0	68Hour	-
1920	Pediatrics clerkship	-	-	9.0	3Month	9.0	3Month	-
1940	Theoretical pediatrics (1)	4.0	-	-	68Hour	4.0	68Hour	-
1950	Theoretical pediatrics (2)	1.0	-	-	17Hour	1.0	17Hour	-
1990	Orthopedics clerkship	-	-	3.0	1Month	3.0	1Month	-
2010	Theoretical orthopedic diseases	3.0	-	-	51Hour	3.0	51Hour	-
1900	Cardiovascular diseases clerkship	-	-	3.0	1Month	3.0	1Month	-
2300	Forensic medicine and intoxication	2.0	34 Hour	-	-	2.0	34Hour	-
1390	Principles of demography and family health	2.0	34 Hour	-	-	2.0	34Hour	-
1380	Common non-contagious diseases epidemiology in Iran	1.0	17 Hour	-	-	1.0	17Hour	-
1370	Common contagious diseases epidemiology in Iran	1.0	17 Hour	-	-	1.0	17Hour	-
Total Credit Units		18.0		21.0		39.0		

SEMESTER 11								
Course code	Course	Credit Units				Total Credit Units	Total Time (Hour, Day, Month)	Prerequisite(s)
		Theoretical	Time (Hour, Day, Month)	Practical	Time (Hour, Day, Month)			
2250	Ophthalmology clerkship	-	-	1.5	15Day	1.5	15Day	-
2020	Urology clerkship	-	-	1.5	15Day	1.5	15Day	-
2040	Theoretical genitourinary (urology) diseases	1.0	-	-	17Hour	1.0	17Hour	-
2270	ENT clerkship	-	-	3.0	1Month	3.0	1Month	-
2110	Psychiatry clerkship	-	-	3.0	1Month	3.0	1Month	-
2130	Theoretical psychiatry diseases	1.5	-	-	26Hour	1.5	26Hour	-
2200	Neurology clerkship	-	-	3.0	1Month	3.0	1Month	-
2220	Theoretical neurological diseases	1.5	-	-	26Hour	1.5	26Hour	-
2170	Infection diseases clerkship	-	-	3.0	1Month	3	1Month	-
2190	Theoretical infection diseases	2.0	34 Hour	-	-	2.0	34 Hour	-
1870	Traditional medicine	2.0	34 Hour	-	-	2.0	34 Hour	-
4310	Therapeutic	2.0	34 Hour	-	-	2.0	34 Hour	-
2230	Dermatology clerkship	-	-	3.0	-	5.0	1Month	-
1980	General surgery diseases	5.0	-	-	-	3.0	2Months	-
Total Credit Units		14.00		18		32	-	-

Internships Schedule								
Course code	Course	Credit Units				Total Credit Units	Total Time (Hour, Day, Month)	Prerequisite(s)
		Theoretical	Time (Hour, Day, Month)	Practical	Time (Hour, Day, Month)			
1014860	Pediatrics internship	-	-	12	-	12	3 months	Pediatrics clerkship
1014508	Internal medicine internship	-	-	12	-	12	3 months	Internal medicine clerkship
1014521	Surgery internship	-	-	8	-	8	2 months	General surgery clerkship
1014870	Gynecology and obstetrics internship	-	-	8	-	8	2 months	Gynecology and obstetrics clerkship
1014509	Cardiovascular diseases internship	-	-	4	-	4	1 month	Cardiovascular diseases clerkship
1014900	Psychiatry internship	-	-	4	-	4	1 month	Psychiatry clerkship
1014911	Infectious diseases internship	-	-	4	-	4	1 month	-
1014520	Emergency medicine internship	-	-	4	-	4	1 month	Emergency medicine clerkship
1014920	Health internship	-	-	4	-	4	1 month	-
1014505	Ophthalmology internship	-	-	2	-	2	15 days	Ophthalmology clerkship
1014506	ENT internship	-	-	2	-	2	15 days	ENT clerkship
1014502	Orthopedics internship	-	-	2	-	2	15 days	Orthopedics clerkship
1014503	Urology internship	-	-	2	-	2	15 days	Urology clerkship
1014507	Anesthesia internship	-	-	2	-	2	15 days	Anesthesia clerkship
1014500	Neurology internship	-	-	2	-	2	15 days	Neurology clerkship
Total Credit Units		-	-	72	-	72	-	-