

Medical Emergency (B. Sc.)

Table 1: General Courses

Code of the Course	Name of the Course	Number of Credits	Teaching Hours		
			Theoretical	Practical	Total
01	One Book of Islamic Basic Theories	2	34	–	34
02	One Book of Islamic Revolution	2	34	–	34
03	One Book of Islamic History and Civilization	2	34	–	34
04	One Book of Familiarity with Islamic Texts	2	34	–	34
05	Physical Education 2	1	–	34	34
06	Culture and Civilization of Iran and Islam	2	34	–	34
07	Population and Family Planning	2	34	–	34
Total		13			

Area of Study	Name of the Course	Number of Credits	Teaching Hours		
			Theoretical	Practical	Total
Islamic Basic Theories	Islamic Thought 1 (The Origin and the Resurrection)	2	34	–	34
	Islamic Thought 2 (Prophethood and Imamat (Leadership))	2	34	–	34
	Human Being in Islam	2	34	–	34
	Social and Political Right in Islam	2	34	–	34
Islamic Revolution	Islamic Revolution of Iran	2	34	–	34
	Familiarity with Islamic Revolution of Iran	2	34	–	34
	Political Thought of Imam Khomeini (Peace be upon him)	2	34	–	34
Islamic History and Civilization	Islamic History of Iran	2	34	–	34
	The History of Imam	2	34	–	34
Familiarity with Islamic texts	Thematic Interpretation of Quran	2	34	–	34
	Thematic Interpretation of Nahj Al-Balagha	2	34	–	34

Table 2: Basic courses

Code of The Course	Name of the Course	Number of Credits	Teaching Hours			Prerequisite or Concurrent
			Theoretical	Practical	Total	
01	Biostatistics and Research Methodology	2	17	34	51	–
02	Information Technology (IT)	2	17	34	51	–
03	Specialized Language	2	34	–	34	–
04	Anatomy	1.5	17	17	34	–
05	Physiology	1.5	26	–	26	–
06	General Health	1	17	–	17	–
07	Writing Report and Documentation in Emergency Room	1	17	–	17	03
08	Pharmacology	2	34	–	34	04, 05
09	The Health of Emergency Medical Technician	2	17	34	51	–
Total		15				

Table 3: Specialized Courses

Code of the Course	Name of the Course	Number of Credits	Credits			Teaching Hours			Prerequisite or Concurrent
			Theoretical	Practical	Total	Theoretical	Practical	Total	
10	Triage	1	0.5	0.5	1	9	17	26	21
11	Care during Patient	1	0.5	0.5	1	9	17	26	13

	Relocation and Carriage								
12	Familiarity with Dispatch and Telecommunication Systems	2	1.5	0.5	2	26	17	43	_
13	Advanced Trauma	2	1.5	0.5	2	26	17	43	04, 05
14	Advanced Cardiopulmonary Resuscitation	2	1	1	2	17	34	51	21
15	Diseases of Children and Infants	1	1	_	1	17	_	17	21
16	Obstetrics and Gynecology	1	0.5	0.5	1	9	17	26	04, 05
17	Diagnosing Diseases	2	2	_	2	34	_	34	04, 05
18	Behavioral Emergencies	1	1	_	1	17	_	17	_
19	Passive Defense	1	1	_	1	17	_	17	_
20	Managing Health in Crisis	2	2	_	2	34	_	34	_
21	Typology and Physical Examination	1	0.5	0.5	1	9	17	26	04, 05
22	Environmental Emergencies	1	0.5	0.5	1	9	17	26	21
23	Advanced Internal Emergencies (1)	1.5	1	0.5	1.5	17	17	34	21
24	Advanced Internal Emergencies (2)	1.5	1.5	_	1.5	26	_	26	21
25	Familiarity with the Structure and	1	1	_	1	17	_	17	_

	the Regulations of EMS (Emergency Medical Service)								
	Total	22							

Table 4: Internship Courses

Code of the Course	Name of the Course	Number of Credits	Teaching Hours	Prerequisite or Concurrent	Internship Environment
26	Internship in the Field of Typology and Physical Examination	0.5	26	21	Internal and Surgical Ward of the Hospital
27	Internship in the Field of Children and Infants Emergencies	1	51	14, 15	Infants Emergency, Children, and NICU Wards
28	Internal Internship	1.5	77	17, 23, 24	Internal and Cardiology Wards, Internal Emergency Wards and Neurology Ward
29	Surgery Internship	2	102	13, 14, 21	Emergency Surgery, ICU, Surgical Wards, ENT Emergencies, Eye, Orthopedic, Neurosurgery and Burn
30	Obstetrics and Gynecology Internship	1	51	16	Labor, Maternity Ward
31	Pre-Hospital Emergency Internship	1	51	11, 12, 13, 23, 24	Emergency Centers of Cities and Roads, Office of Communications,

					Repair and Maintenance of Ambulances (Vehicles Unit)
32	Airway and CPR Management Internship	1	51	14	ICU Ward, Operation Room, CPR Ward of the Hospitals
Total		8			

Table 5: Internship in the Field

Code of the Course	Name of the Course	Number of Credits	Teaching Hours	Prerequisite or Concurrent
33	Internship in the Field of Managing EMS Staff	1	51	–
34	Internship in the Field of Complementary CPR	1.5	77	–
35	Internship in the Field of Children and Infants	1.5	77	–
36	Internship in the Field of Emergency Operations	3	153	–
37	Internship in the Field of Hospital-Internal Emergency	2	102	–
38	Internship in the Field of Hospital-Surgical Emergency	2	102	–
Total		11		

