



## Course Description Guide in Bachelor of Sciences in Medical Emergencies (Continuous)

### First Semester

No	Course Title	No of Credit(s)
1	Anatomy	2
2	Physiology	2
3	Microbiology And Parasitology	1.5
4	Practical Skills In Emergency Medicine	3
5	Information Technology	1
6	Relief Organization- An Overview	1
7	Preventive Maintenance Of EMS Vehicles And Equipment	1
8	Public Health	1
9	Health In Emergencies And Disasters	1.5
10	Life Skills	-
11	Dispatch	1.5
12	Islamic Thought 1	2
13	Pre-Sessional English Language Course	-
14	Study Skill Principles	-

### Second Semester

No	Course Title	No of Credit(s)
1	General Pharmacology	2
2	Passive Defense	1
3	Clinical Examination	3
4	Research Method And Biostatistics In Emergency	2
5	General English	3
6	Patient Care Transfer Techniques	2
7	Stress Management And Communication Skills	2
8	The Principles Of Triage	1.5
9	Documentation And Reporting Skills	1
10	Islamic Thought 2	2



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### Third Semester

No	Course Title	No of Credit(s)
1	Specialized English Language ( Medical Terminology)	2
2	Internal Emergencies 1 (Gastroenterology, Urology, And Neurology Systems)	5
3	Trauma 1 (Initial Management of Trauma Patient)	4
4	Emergency Pharmacology	1
5	Air Emergency Medical Services	1.5
6	Psychological And Behavioral Emergencies	3
7	Persian Literature	3

### Fourth Semester

No	Course Title	No of Credit(s)
1	Basic Principles Of Cardiopulmonary Resuscitation	1
2	Internal Emergencies 2 (Cardiovascular And Blood Pressure)	5
3	Trauma 2	4
4	Medical Emergencies For Specific Groups	2
5	Ethics In Forensic Sciences	2
6	Physical Education 1	1
7	Population And Family Planning	2
8	Islamic Ethics	2



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### Fifth Semester

No	Course Title	No of Credit(s)
1	Advance Principles Of Cardiopulmonary Resuscitation	3
2	Internal Emergencies 3 (Endocrinology, Respiratory, Allergy, And Poisoning)	3
3	Environmental Emergencies	1
4	Trauma 3	3
5	Medical Emergencies In Specific Situations	2
6	Islamic History And Civilization	2
7	History, Culture And Civilization Of Islam And Iran	2

### Sixth Semester

No	Course Title	No of Credit(s)
1	Critical Care Principles	5
2	Emergencies In Obstetrics And Gynecology	1.5
3	Pediatric And Infant Medical Emergencies	3
4	Prehospital Medical Emergencies (Practicum)	3
5	Airway Management (Practicum)	1
6	Physical Education 2	1
7	Iran's Islamic Revolution	2
8	The Thematic Interpretation Of Quran	2



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### Seventh Semester

No	Course Title	No of Credit(s)
1	Internal Internship	1.5
2	Surgical Internship	1.5
3	Prehospital Medical Emergencies 1 Internship	3.5
4	Preventive Maintenance Of EMS Vehicles And Equipment Internship	1
5	Hospital Emergencies Internship	3

### Eighth Semester

No	Course Title	No of Credit(s)
1	Critical Care Internship	2
2	Pediatric And Infant Life Internship	2
3	Prehospital Medical Emergencies 2 Internship	2
4	Psychological Emergencies Internship	2
5	Medical Emergency Service Internship	2