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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine | | | | | | | | | | | | **C:\Users\mffoca\Desktop\logo_full.tif** | | |
| ***Study program: medicine*** | | | | | | | | | | | |
| Integrated academic studies | | | | | | VI study year | | | | | |
| **Full subject title** | | | EMERGENCY MEDICINE | | | | | | | | | | | | | | |
| **Department** | | | Surgery department, Faculty of Medicine in Foca | | | | | | | | | | | | | | |
| **Subject code** | | | | | | **Subject status** | | | | | **Semester** | | | | **ECTS** | | |
|
| МЕ-04-1-062-11 | | | | | | compulsory | | | | | XI | | | | 2 | | |
| **Professor/-s** | | Asst. Prof. Sanja Marić, MD, PhD; Asst. Prof. Milivoje Dostić, MD, PhD; Asst. prof. Radmil Marić, MD, PhD; Asst. Prof. Maksim Kovačević, MD, PhD, Asst. Prof. Vjeran Saratlić, MD, PhD; Assoc. Prof. Dejan Bokonjić, MD, PhD; | | | | | | | | | | | | | | | |
| **Associate/-s** | |  | | | | | | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | | **Individual student workload (in hours per semester)** | | | | | | | | | **Coefficient of student workload So[[1]](#footnote-2)** | |
| **E** | **SP** | | | | **L** | | **E** | | | **SP** | | **So** | | | | **So** | |
| 1 | 1 | | | | 0 | | 1\*15\*1 | | | 1\*15\*1 | | 0\*15\*1 | | | | 1 | |
| Total teaching workload (in hours, per semester)  1\*15 + 1\*15 +0\*15 = 30 | | | | | | | | Total student workload (in hours, per semester)  1\*15\*1+ 1\*15\*1+0\*15\*1 = 30 | | | | | | | | | |
| Total subject workload (teaching + student): 30 + 30 = 60 hours per semester | | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | Mastering the subject, the student will be able to: ... min. 4 outcomes:  1. carry out an independent evaluation of vital functions in patients.  2. independently perform adequate triage of the injured.  3. apply the basic procedures of CPR  4. apply the basic procedures of first aid within the scope of various emergencies.  5. independently perform venepuncture, stop the bleed and immobilize a patient. | | | | | | | | | | | | | | | |
| **Preconditions** | | Precondition for taking the exam: all year 5 exams passed | | | | | | | | | | | | | | | |
| **Teaching methods** | |  | | | | | | | | | | | | | | | |
| **Subject content per week** | | **Lectures:**  1.Cardiac arrest and cardiopulmonary resuscitation. Chain of survival. Basic life support. Basic conditions in CPR; (Доц др Сања Марић)  2. Emergencies in cardiology. Acute myocardial infarction. Pulmonary edema. Hypertensive crisis. Heart arrhythmia;  3. Emergencies in pulmunology. Acute respiratory failure. Acute asthma status; (Доц др Миостић)  4. Emergencies in gastroenterology and hepatology. Abdominal pain. Acute upper gastrointestinal bleeding;  5. Emergencies in endocrinology;  6. Emergencies in nephrology;  7. Emergencies in ORL. Laryngospasm. Airway foreign bodies;  8.Emergencies in toxicology; (Доц др Миливоје Достић)  9. Shock. Pain.;. (Доц др Сања Марић)  10.Emergencies in neurology. Head injuries. Coma. Epileptic seizure; (Доц др Вјеран Саратлић)  11.Emergencies in pediatrics. Febrile convulsions in children; (Проф др Дејан Бокоњић)  12.Fractures and injuries of osteoarticular system. Immobilization; (Доц др Максим Ковачевић)  13. Bleeding and hemostasis; (Доц др Радмил Марић)  14. Intensive health care in acute trauma patients. Mass casualty incident. Triage in mass injuries; Organization of emergency medical services;  15. Burns and hyperthermia. Frostbites and hypothermia.(Доц др Дражан Ерић)  **Exercises:**   1. First aid equipment; 2. Assisting to an injured or ill person; 3. Evaluation and monitoring of vital functions; 4. Clinical death. Diagnosis and signs of death; 5. Emergency procedures in cardiac arrest; 6. ECG, recognizing cardiac arrest. Defibrillation; 7. Airway establishment. Artificial respiration. Endotracheal intubation; 8. The route of drug administration in emergency care; 9. Stopping the bleed; 10. Dressing wounds; 11. Immobilization equipment. Basic principles of immobilization; 12. Shock treatment within emergency care. First aid principles; 13. Emergency action for poisoning; 14. Тriage of the trauma patients, 15. Тransport of the sufferers and trauma patients. | | | | | | | | | | | | | | | |
| **Compulsory literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title, Publisher** | | | | | | | | | **Year** | | | **Pages (from-to)** | |
|  | | | |  | | | | | | | | |  | | |  | |
| **Additional literature** | | | | | | | | | | | | | | | | | |
| Author/s | | | | **Publication title, Publisher** | | | | | | | | | **Year** | | | **pages (from-to)** | |
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| **Student responsibilities, types of student assessment and grading** | | **Grading policy** | | | | | | | | | | | | | **Points** | | **Percentage** |
| Pre-exam activities | | | | | | | | | | | | | | | |
| lecture/exercise attendance | | | | | | | | | | | | | 20 | | 20% |
| seminar paper | | | | | | | | | | | | | 30 | | 30% |
| Final exam | | | | | | | | | | | | | | | |
| practical work | | | | | | | | | | | | 25 | | | 25% |
| written test | | | | | | | | | | | | 25 | | | 25% |
| TOTAL | | | | | | | | | | | | 100 | | | 100 % |
| **Certification date** | | December 13 th 2018 | | | | | | | | | | | | | | | |

\* the number of necessary rows is added by using *insert mode*

1. The coefficient of student workload So is calculated as it follows:

   а) for the study programs not going through the licensing process: So = (total workload in semester for all of the subjects 900 hrs – total teaching workload L+E in semester for all of the subjects 870 hrs)/ total teaching workload L+E in semester for all of the subjects \_\_\_\_\_ hrs = \_\_\_\_. Consult form content and its explanation.

   b) for the study programs going through the licensing process, it is necessary to use form content and its explanation. [↑](#footnote-ref-2)