
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine					
		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
ME-02-1-065-11			compulsory		XI		2
Professor/-s		Prof. Sanja Marić, MD, PhD; Prof. Milivoje Dostić, MD, PhD; prof. Radmil Marić, MD, PhD; . Prof. Maksim Kovačević, MD, PhD, 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 S₀¹	
E	SP	L	E	SP	S₀	S₀	
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.					
General competences		They possess broad fundamentals of theoretical knowledge and practical skills, preparing them for any type of postgraduate education as well as for collaboration with other medical professionals. They have acquired a systemic thinking approach as well as a structured approach to medical problems during their education. They fulfill the legal requirements for a career in the field of medicine and are eager to accept responsibility associated with medical knowledge concerning additional professional education. They are acquainted with a specific diagnostic algorithm. They are capable of making appropriate therapeutic decisions. They have an unbiased attitude towards new scientific methods in medicine. They are eager to dedicate themselves to the field of medicine and accept responsibility for the physical, mental and social well-being of their patients. They are respectful to the patients regardless of their gender, age, race, social and economic status, education, culture or religion. They advocate for the patient's right to participate fully in medical treatment decisions, including the right to the refusal of care or participation in the process of education and scientific research. They are capable of expressing themselves and communicating in a manner that is both understandable and acceptable to the patient. They are prepared for accepting responsibility and appropriate medical decision-making. They are acquainted with health improvement and disease prevention and are eager to make medical professionals adopt more positive attitude towards it. They have adopted attitudes and gained understanding of their personal limitations in accordance with the previous education and experience. They are eager to collaborate with other medical professionals. They are able to achieve effective teamwork and develop leadership skills. They are conscious of the necessity for continuous learning and improvement process to maintain a high level of medical competence. 3 They are eager to train the colleagues and improve their own teaching skills. They are eager to support quality assurance measures and periodic evaluation of their own medical competences and knowledge standards. 3,4,5 They adhere to legal requirements regarding ongoing theoretical and practical training.					

¹The coefficient of student workload S₀ is calculated as it follows:

a) for the study programs not going through the licensing process: S₀ = (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.

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; 2. Emergencies in cardiology. Acute myocardial infarction. Pulmonary edema. Hypertensive crisis. Heart arrhythmia; 3. Emergencies in pulmonology. Acute respiratory failure. Acute asthma status; 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; 9. Shock. Pain.; 10.Emergencies in neurology. Head injuries. Coma. Epileptic seizure; 11.Emergencies in pediatrics. Febrile convulsions in children; 12.Fractures and injuries of osteoarticular system. Immobilization; 13. Bleeding and hemostasis; 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. 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. Triage of the trauma patients, 15. Transport of the sufferers and trauma patients.			
Compulsory literature				
Author/s	Publication title, Publisher	Year	Pages (from-to)	
	1. Kalezić N. Inicijalni tretman urgentnih stanja u medicine. Medicinski fakultet Beograd;	2013.		
	2. Manojlović S. Hitna stanja u internoj medicini za medicinske sestre. Beograd:Zavod za udžbenike;	2011.		
	3. Pavlović A. Prva pomoć. II izdanje. Beograd:Obeležja; 2010.	2010.		
	4. Krivokuća B, i saradnici. Multidisciplinarna intenzivna zdravstvena njega. Banja Luka:Medicinski fakultet;	2010.		
Additional literature				
Author/s	Publication title, Publisher	Year	pages (from-to)	
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			

	test	10	10%
	oral	40	40%
	TOTAL	100	100 %
Certification date	June 17th 2024		

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