

Name of the course	Introduction to Intensive Care Medicine			Code	
Type of study program Cycle	Integrated university study program, Medicine			Year of study	V/VI
Credits (ECTS):	1.5	Semester:	IX-XII	Number of hours per semester (l+e+s)	8 + 10 + 7
Status of the course:	Elective	Preconditions:	Passed 4 th year exams	Comparative conditions:	/
Access to course:	Fifth and sixth year students			Hours of instructions:	According to schedule
Course teacher:		Assist. Prof. Mirko Mihalj, MD, PhD			
Consultations:		As agreed with students			
E-mail address and phone number:		Mirko.mihalj@mef.sum.ba +38763694351			
Associate teachers		Assistants			
Consultations:		As agreed with students			
E-mail address and phone number:					
The aims of the course:	The aims of the course are: to teach students about basic concepts, procedures and specific characteristics of patients in Intensive Care Unit (ICU)				
Learning outcomes (general and specific competences):	• Describing interventional and diagnostic procedures in ICU • Explaining basic principles of therapeutic options specific to ICU • Describing and explaining some of the health disorders most common to ICU				
Course content (Syllabus):	The course consists of lectures and exercises during period of 3 days				
Format of instruction (mark in bold)	Lectures	Exercises (practicals)	Seminars	Independent assignments	
	Consultations	Work with mentor	Field work	Other	
Student responsibilities	Class Attendance, excused absences may not exceed 20% of the class meetings.				
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training	
	Oral exam	Written exam	Continuous assessment	Essay	
Detailed evaluation within a <i>European system of points</i>					
STUDENTS RESPONSIBILITIES	HOURS		PROPORTIONS OF ECTS CREDITS		PROPORTIONS OF GRADE
Attending classes	25		0.8		
Seminar paper	10		0.35		
Written exam	10		0.35		100%
Total	45		1.5		100%
Further clarification:					
Final score: The final grade is descriptive, pass/fail. After completing the seminar work and the written exam, student will pass the course.					
Required literature:	1. Joseph E. Parrillo, Critical Care Medicine: Principles of Diagnosis and Management in the Adult, 5th Edition 2. Handouts and teaching materials				
Optional literature:					
Additional information about the course					

Annexes: calendar classes

<i>The number of teaching units</i>	TOPICS AND LITERATURE
I.	Title: Procedures in ICU Short description: Familiarisation with the most common diagnostic and therapeutic procedures in the ICU Literature: Required and optional
II.	Title: Focused ultrasonography in the ICU Short description: Familiarisation with focused US examination in ICU (POCUS, FAST) Literature: Required and optional
III.	Title: General principles of Mechanical Ventilation Short description: Familiarisation with general principles of mechanical ventilation in ICU Literature: Required and optional
IV.	Title: Acute Kidney Injury and general principles of Renal Replacement Therapy in ICU Short description: Familiarisation with Acute Kidney Injury (epidemiology, etiology, treatment options) and general principles of Renal Replacement Therapy in ICU Literature: Required and optional
V.	Title: Acid-base disorders Short description: Familiarisation with acid-base disorders (respiratory/metabolic acidosis and alkalosis) and treatment options Literature: Required and optional
VI.	Title: Acute respiratory failure Short description: Familiarisation with Acute respiratory failure and treatment options in the ICU Literature: Required and optional
VII.	Title: Nosocomial infections in the ICU Short description: Familiarisation with etiology and epidemiology of nosocomial infections in ICU and their effects on patients' morbidity and mortality in ICU Literature: Required and optional
VIII.	Title: What is it like to be a patient in the Intensive Care Unit? Short description: Lecture about the experience of patients in the ICU (their perspective) Literature: Required and optional
IX.	Title: Short description: Literature:
X.	Title: Short description: Literature:
XI.	Title: Short description: Literature:
XII.	Title: Short description: Literature:
XIII.	Title: Short description: Literature: