

<b>Name of the course</b>	Introduction to Intensive Care Medicine			<b>Code</b>			
<b>Type of study program Cycle</b>	Integrated university study program, Medicine			<b>Year of study</b>	V/VI		
<b>Credits (ECTS):</b>	1.5	<b>Semester:</b>	XII	<b>Number of hours per semester (l+e+s)</b>	8 + 10 + 7		
<b>Status of the course:</b>	Elective	<b>Preconditions:</b>	Passed 5 <sup>th</sup> year exams	<b>Comparative conditions:</b>	/		
<b>Access to course:</b>	Fifth and sixth year students			<b>Hours of instructions:</b>	According to schedule		
<b>Course teacher:</b>	Assist. Prof. Mirko Mihalj, MD, PhD						
<b>Consultations:</b>	As agreed with students						
<b>E-mail address and phone number:</b>	<a href="mailto:Mirko.mihalj@mef.sum.ba">Mirko.mihalj@mef.sum.ba</a> +38763694351						
<b>Associate teachers</b>	Assistants						
<b>Consultations:</b>	As agreed with students						
<b>E-mail address and phone number:</b>							
<b>The aims of the course:</b>	The aims of the course are: to teach students about basic concepts, procedures and specific characteristics of patients in Intensive Care Unit (ICU)						
<b>Learning outcomes (general and specific competences):</b>	<ul style="list-style-type: none"> <li>Describing interventional and diagnostic procedures in ICU</li> <li>Explaining basic principles of therapeutic options specific to ICU</li> <li>Describing and explaining some of the health disorders most common to ICU</li> </ul>						
<b>Course content (Syllabus):</b>	The course consists of lectures and exercises during period of 3 days						
<b>Format of instruction (mark in bold)</b>	<b>Lectures</b>	<b>Exercises (practicals)</b>	<b>Seminars</b>	Independent assignments			
	<b>Consultations</b>	Work with mentor	Field work	Other			
<b>Student responsibilities</b>	Class Attendance, excused absences may not exceed 20% of the class meetings.						
<b>Screening student work (mark in bold)</b>	<b>Class attendance</b>	<b>Class participations</b>	<b>Seminar essay</b>	<b>Practical training</b>			
	Oral exam	<b>Written exam</b>	Continuous assessment	Essay			
<b>Detailed evaluation</b> within a <i>European system of points</i>							
<b>STUDENTS RESPONSIBILITIES</b>	<b>HOURS</b>		<b>PROPORTIONS OF ECTS CREDITS</b>	<b>PROPORTIONS OF GRADE</b>			
Attending classes	25		0.8				
Seminar paper	10		0.35				
Written exam	10		0.35	100%			
Total	45		1.5	100%			
Further clarification:							
<b>Final score:</b>	The final grade is descriptive, pass/fail. After completing the seminar work and the written exam, student will pass the course.						
<b>Required literature:</b>	<ol style="list-style-type: none"> <li>Joseph E. Parrillo, Critical Care Medicine: Principles of Diagnosis and Management in the Adult, 5th Edition</li> <li>Handouts and teaching materials</li> </ol>						
<b>Optional literature:</b>							
<b>Additional information about the course</b>							

<b><i>The number of teaching units</i></b>	<b>TOPICS AND LITERATURE</b>
<b>I.</b>	Title: Procedures in ICU Short description: Familiarisation with the most common diagnostic and therapeutic procedures in the ICU Literature: Required and optional
<b>II.</b>	Title: Focused ultrasonography in the ICU Short description: Familiarisation with focused US examination in ICU (POCUS, FAST) Literature: Required and optional
<b>III.</b>	Title: General principles of Mechanical Ventilation Short description: Familiarisation with general principles of mechanical ventilation in ICU Literature: Required and optional
<b>IV.</b>	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
<b>V.</b>	Title: Acid-base disorders Short description: Familiarisation with acid-base disorders (respiratory/metabolic acidosis and alkalosis) and treatment options Literature: Required and optional
<b>VI.</b>	Title: Acute respiratory failure Short description: Familiarisation with Acute respiratory failure and treatment options in the ICU Literature: Required and optional
<b>VII.</b>	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
<b>VIII.</b>	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
<b>IX.</b>	Title: Short description: Literature:
<b>X.</b>	Title: Short description: Literature:
<b>XI.</b>	Title: Short description: Literature:
<b>XII.</b>	Title: Short description: Literature:
<b>XIII.</b>	Title: Short description: Literature: