

<b>Name of the course</b>	<b>Sudden death</b>			<b>Code</b>	MSESES09
<b>Type of study program:</b>	Integrated university study program, Medicine			<b>Year of study:</b>	5
<b>Credits (ECTS):</b>	1.0	<b>Semester:</b>	IX	<b>Number of hours per semester (l+s+e)</b>	25 (8+12+5)
<b>Status of the course:</b>	elective	<b>Preconditions:</b>	Passed all exams of the 4th year	<b>Comparative conditions:</b>	/
<b>Access to course:</b>	Fifth year medical students			<b>Hours of instructions:</b>	According to schedule
<b>Course teacher:</b>	Prof. Marija Definis, PhD, MD				
<b>Consultations:</b>	As agreed with students				
<b>E-mail address and phone number:</b>	<a href="mailto:marija.dg@gmail.com">marija.dg@gmail.com</a> +385 91 201 64 31				
<b>Associate teachers</b>	Assist.prof. Kristijan Bečić, PhD, MD				
<b>Consultations:</b>	As agreed with students				
<b>E-mail address and phone number:</b>	<a href="mailto:kristijan.becic@gmail.com">kristijan.becic@gmail.com</a> +385 95 360 7157				
<b>The aims of the course:</b>	<p>The main purpose of the course is to focus on the issue of sudden death, defined as any death which is rapid, unexpected and/or unforeseen, that occurs in apparently healthy people, or in ill patients during a benign phase of their diseases.</p> <p>The course will present and explain the basic and fundamentals of sudden natural and sudden violent deaths, by raising and answering a few basic questions, such as "What happened and why; who, how and what should do?"</p>				
<b>Learning outcomes (general and specific competences):</b>	<p><u>General outcomes:</u></p> <ul style="list-style-type: none"> <li>- to understand the challenges medical doctors and specialists experience with sudden unexplained deaths,</li> <li>- to distinguish sudden natural death from sudden violent death,</li> <li>- to provide the main causes of the sudden death of adults and children.</li> </ul> <p><u>Specific outcomes:</u></p> <ul style="list-style-type: none"> <li>- to explain the mechanisms that lead to sudden natural and non-natural deaths,</li> <li>- to explain the importance of the autopsy and other diagnostic methods in cases of sudden death.</li> </ul>				
<b>Course content (Syllabus):</b>	<p>Lectures</p> <ul style="list-style-type: none"> <li>- natural vs. violent death; sudden death (L1 - 2 h)</li> <li>- diagnostic tests; coroner system (L2 - 2 h)</li> <li>- the most common sudden natural deaths (L3 - 2 h)</li> <li>- special topics in sudden violent deaths (L4 - 2 h)</li> </ul> <p>Seminars</p> <ul style="list-style-type: none"> <li>- individual seminars based on articles on the spectrum of cases of sudden or unexpected deaths (natural and violent) as could be encountered by medical doctors (S1-4 - 12 h)</li> </ul> <p>Exercises</p> <ul style="list-style-type: none"> <li>- cause, mechanism and manner of death (E1 - 1h)</li> <li>- differentiation of sudden and violent deaths – case studies (E2 - 1h)</li> <li>- autopsy exercises (E3 - 1h)</li> <li>- coroner's role and death certificate (E4 - 1h)</li> <li>- problem solving (E5 - 1h)</li> </ul>				
<b>Format of instruction (mark in bold)</b>	<b>Lectures</b>	<b>Exercises</b>	<b>Seminars</b>	Independent assignments	
	<b>Consultations</b>	Work with mentor	Field work	Other	

<b>Student responsibilities</b>	In accordance to Rules of studying and Deontological code for USSM students.			
<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	Written exam	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>	
Class attendance and participations	25	0.8	50 %	
Seminar essay and presentation	5	0.2	50 %	
Total	30	1	100 %	
Further clarification: Evaluation is descriptive (pass/fail)				
<b>Required literature:</b>	Payne-James J, Jones R, Karach Steven B, Manlove J. Simpson's Forensic Medicine. 13 th ed. London Arnold Publishers 2011. – selected chapters Handouts and teaching materials			
<b>Optional literature:</b>				

Annexes: calendar classes

<b>The number of teaching units</b>	<b>TOPICS AND LITERATURE</b>
<b>I.</b>	Title: Natural vs. violent death; sudden death
	Short description: Virtually all medical doctors deal not only with illnesses but also with a widerange of deaths from natural and violent causes. Many of these are sudden, unexpected, clinically unexplained or otherwise obscure. The concept, types, causes and mechanism of sudden death will be explained.
	Literature: listed above
<b>II.</b>	Title: Diagnostic tests
	Short description: The importance of autopsies and other modern techniques, as well as the role of the coroner will be presented.
	Literature: listed above
<b>III.</b>	Title: The most common sudden natural deaths
	Short description: The lecture/seminars have no attempt to duplicate the detailed descriptions of diseases processes provided in textbooks of pathology, but to underline the majority of natural sudden and unexpected deaths, mostly focused on diseases of the cardiovascular, respiratory and central nervous systems
	Literature: listed above
<b>IV.</b>	Title: Special topics
	Short description: Most common cases of sudden violent death will be listed. In addition, following topics will be discussed: SUD during restraint, positional asphyxia, chemical irritants, electric shock devices, autoerotic deaths, NPS, death in dental chair, of water intoxication, ...
	Literature: listed above