

<b>Study programme:</b> Applied Security			
<b>Course title:</b> Medical protection of human resources in emergency situations			
<b>Lecturer:</b> Elizabeta Ristanović			
<b>Course status:</b> Required			
<b>ECTS:</b> 12			
<b>Requirement:</b> /			
<b>Course aims</b> To gain knowledge about the complexity, specificity and importance of adequate and timely medical care for human resources in emergencies and the need to build adequate national crisis response resources in order to reduce the harmful consequences for community health in terms of mortality, morbidity, incapacity in case of emergencies and disasters.			
<b>Course outcomes</b> Students need to recognize the need to build and continually strengthen the capacity for medical protection of human resources in emergency situations in order to ensure their prompt and adequate response to natural, technological and social hazards and epidemics.			
<b>Course content</b> <i>Theory classes</i> Organization of medical protection of human resources in emergency situations. Integration of medical service plans with local community plans and national emergency protection strategy in accordance with the Public Health Strategy and the Emergency Situations Act. Obligations, missions and responsibilities, functioning of health and preventive medical services in emergency situations. Response and tasks of the medical service in case of biological, chemical or radiological-nuclear accidents and the use of weapons of mass destruction. Chemical, nuclear, biological terrorism. Types, characteristics of agents, combined action, methods of use, consequences. Detecting and identifying agents, disposing of injured and diseased, decontamination of staff and resources. Organization of treatment and care and protection of the population. Epidemics of disease, contamination of water and food and consequences resulting therefrom. Other emergency situations-medical protection. Depleted uranium-effects on the living world and the environment; Agro-terrorism and ecotourism: the consequences on human health. Advancement of science and technology in the function of improving medical care in case of emergencies. Abuse of science. Crisis management and crisis communication as an important factor in the medical protection of human resources. The importance of GIS in the organization of medical care in emergencies. <i>Practice classes</i> Multimedia, interactive exercises with problem attendance, presentations of experiences from previous biological, chemical, radiation and other accidents and extraordinary events. Detection and identification, medical care and treatment of injuries and illnesses. Crisis management and crisis communication in conditions of mass disasters and extraordinary misunderstandings. Medical aspects. Psychology of the crisis.			
<b>Literature:</b> 1. WHO (2008): Emergency Medical Services Systems in the European Union. 2. OECD (2003): Emerging Systemic Risks in the 21st Century, 2003. 3. Law on Emergency Situations of the Republic of Serbia. 4. Law on Public Health of the Republic of Serbia. 5. Ristanović E. (2013) Bioterrorism, Military Book 1775, VA. MC Defense, VA UO. 6. Veenema, Tener Goodwin, ed. Disaster Nursing and Emergency Preparedness: For Chemical, Biological, and Radiological Terrorism and Other Hazards, for Chemical, Biological, and Radiological Terrorism and Other Hazards. Springer Publishing Company, 2012. 7. Preradović M et al. Wartime psychiatry with mental hygiene, VIZ, Belgrade, 2001.			
<b>Number of active classes:</b> 6	<b>Theory teaching:</b> 3	<b>Practical teaching:</b> 3	
<b>Methods of teaching</b> lectures, exercises, interactive seminars, multimedia presentations, case studies			
<b>Knowledge assessment (maximum score 100)</b>			
<b>Pre-exam tasks</b>	<b>Points</b>	<b>Final exam</b>	<b>Points</b>
In-class activity	5	written exam	
Practice classes	5	oral exam	50
Mid-term tests	30	.....	
Seminar papers	10		
The above listed knowledge assessment means are just a few among different options (written exam, oral exam, project presentation, seminar papers etc).			