

Information sheet for the course Disaster Medicine

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Health Care</i>	
Course unit code: MedKat/e	Course unit title: Disaster Medicine
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>Lecture: 1 hour weekly/13 hours per semester of study; full-time</i>	
Number of credits: 2	
Recommended semester: <i>8th semester in the 4th year (part-time)</i>	
Degree of study: <i>I (bachelor)</i>	
Course prerequisites: none	
Assessment methods: The student will acquire 100 points per semester <ul style="list-style-type: none"> - Seminary work (25 points). - Test (75 points) Score: 100 – 90 points – A 89 – 80 points – B 79 – 70 points – C 69 – 60 points – D 59 – 50 points – E 49 and fewer points - FX	
Learning outcomes of the course unit: Student is able to: <ul style="list-style-type: none"> - interpret the characteristics of biological, chemical, radiological and nuclear threats, - understanding the structure of emergency management Crisis Staff, their organization, - apply the legislative framework of the whole process. 	
Course contents: Lectures: <ol style="list-style-type: none"> 1. Incident, the legislative framework in the context of public health-related provisions grades incidents, the status of public health in the prevention, investigation, detection and response. 2. Incident of natural and anthropogenic origin, health risks, their causes and direct health consequences. 3. CBRN-E risks, addressing chemical, biological, radiological and nuclear risks, biological preparedness. 4. Global climate change as a possible cause of incidents, climate change, extreme heat, damage to the ozone layer. Impact on health measures to reduce health risks. 5. Industrial accidents in various sectors accident stationary and mobile devices 6. Accidents nuclear installations, examples of user events, risk management procedure in response to the crash of steps to deal with emergencies, the role of public health. 7. Integrated Rescue System of Slovak Republic and its position in dealing with emergencies 8. Crisis management and dealing with emergencies in the health sector. 9. Exposure to chemical attack from the perspective of public health in emergencies. 10. Chemical warfare agents, the possibility of abuse of terrorism. 11. Emergencies in public health caused by biological agents. 12. Some diseases caused by biological agents. 13. Health threats from ionizing radiation - incident. 	

Recommended of required reading:

1. KLEMENT, C. a kol. 2011. *Mimoriadne udalosti vo verejnom zdravotníctve*. 2011, vydavateľstvo PRO, Banská Bystrica, 665s., ISBN 978-80-89057-29-0
2. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E.: a kol.: *Verejné zdravotníctvo (kapitola VII)*. VEDA vydavateľstvo SAV 2012, 654 s. ISBN 978-80-224-1283-4
3. PRYMULA, R. a kol. 2002. *Biologický a chemický terorizmus*, 152 s., Grada, 2002. ISBN 80 247-0288
4. ŠTĚTINA, J. a kol. 2000. *Medicína katastrof a hromadných nešťestí*. Grada, Praha, 2000, 436 s. ISBN 8071696889.

Language: *Slovak***Remarks:****Evaluation history:** *Number of evaluated students*

A	B	C	D	E	FX

Lectures: prof. MUDr. Jindřich Vomela, CSc, LL.M.**Last modification:** 22.04.2015**Supervisor:** doc. MUDr. Mária Štefkovičová, PhD., MPH.