

## Information sheet for the course Disaster Medicine

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

**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 terorismus*, 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.