

## Information sheet for the course Environmental Health II.

<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>ZdrPr1/d</i>	<b>Course unit title:</b> <i>Environmental Health II.</i>
<b>Type of course unit:</b> <i>compulsory</i>	
<b>Planned types, learning activities and teaching methods:</b> <i>Lecture: 2 hours weekly/26 hours per semester of study; full-time</i> <i>Seminar: 1 hour weekly/13 hours per semester of study; full-time</i> <i>Supervised practical output: 2 hours weekly/26 hours per semester of study; full-time</i>	
<b>Number of credits:</b> <i>2</i>	
<b>Recommended semester:</b> <i>4<sup>th</sup> semester in the 2<sup>nd</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>To obtain credits for the course, a student must pass an oral examination and write a seminary work (50 points).</i> <ul style="list-style-type: none"> <li>- <i>Seminary work designed for a situation model (20 points).</i></li> <li>- <i>Oral examination (30 points).</i></li> </ul> <i>To obtain A, a student must score at least 48 points, to obtain B, a student must score at least 44 points, to obtain C, a student must obtain at least 41 points, to obtain D, a student must obtain at least 38 points, and finally to obtain E, a students must to obtain at least 35 points.</i>	
<b>Learning outcomes of the course:</b> <i>A student can define urban sanitation, rural and urban units, administrative procedure, accommodation, physical education buildings and residential buildings, is able to analyse their impact on human health, radioactivity, radiation ionising radiation and its health risks.</i>	
<b>Course contents:</b> <b>Lectures:</b> <ol style="list-style-type: none"> <li>1. <i>Hygiene of urban settlements, towns, and rural settlement services.</i></li> <li>2. <i>Evaluation of their impact on health.</i></li> <li>3. <i>Legislation in the field of living environment and health.</i></li> <li>4. <i>Administrative Code.</i></li> <li>5. <i>Radioactivity and radon index, ionizing radiation and its health risks.</i></li> <li>6. <i>Problems of environmental noise.</i></li> <li>7. <i>Residential buildings, health risks.</i></li> <li>8. <i>Accommodation facilities</i></li> <li>9. <i>Physical activity facilities.</i></li> <li>10. <i>Human body care facilities.</i></li> <li>11. <i>Collective action – hygiene requirements, health risks.</i></li> <li>12. <i>Health care devices.</i></li> <li>13. <i>Burial places, crematoria and funeral services</i></li> </ol> <b>Exercises:</b> <ol style="list-style-type: none"> <li>1. <i>Assessment of general city plan from the aspect of public health protection.</i></li> <li>2. <i>Healthy city – situation models.</i></li> <li>3. <i>Evaluation of their impact on health – situation models.</i></li> <li>4. <i>Development of legally binding opinion, treaty – situation models.</i></li> <li>5. <i>Administrative offenses in the field of public health – situation models.</i></li> <li>6. <i>Measurement of environmental noise and assessing the protocols of measurement noise –</i></li> </ol>	

*situation models.*

7. *Sick buildings – situation models.*
8. *Public health surveillance in accommodation – situation models.*
9. *Public health surveillance in human body care facilities – situation models.*
10. *Examination of professional competence for performing epidemiologically important activities – situation models.*
11. *Public health surveillance in collective actions – situation models.*
12. *Material and technical equipment of various types of healthcare facilities – situation models.*
13. *Proficiency testing in the skills necessary for operation of the funeral services, operation of burial place and crematorium – situation models.*

**Recommended of required reading:**

1. ŠEVČÍKOVÁ, L. A KOL. 2006. *Hygiena*. Bratislava, UK, 2006. 328s.
2. ROVNÝ, I. A KOL. 1998. *Hygiena 1, 2, 3*. Martin : Osveta, 1998, 687 s.
3. KOPPOVÁ, K., FABIÁNOVÁ, E., DRÍMAL, M. 2010. *Hodnotenie, riadenie a komunikácia zdravotných rizík*. Bratislava : Simply supplies, 2010. 152 s.
4. BENCKO, V. A KOL. 2002. *Hygiena. Učební texty k seminářům a praktickým cvičením*. Praha, UK. 2002, 205 s.
5. ÁGHOVÁ, L. A KOL. 1993. *Praktické cvičenia z hygieny*. Bratislava: LF UK 1993, 201 s.I,II,III. Praha : Avicenum. 2003.

**Language:** Slovak

**Remarks:**

**Evaluation history:** *Number of evaluated students*

A	B	C	D	E	FX

**Lectures:** doc. MUDr. Mária Štefkovičová, PhD., MPH.,

**Seminar:** Ing. Jozefína Bustinová, MPH.

**Last modification:** 22.04.2014

**Supervisor:** doc. MUDr. Mária Štefkovičová, PhD., MPH.