

## Information sheet for the course Applied Research in Public 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>AVVerZdr2/d</i>	<b>Course unit title:</b> <i>Applied Research in Public Health II.</i>
<b>Type of course unit:</b> <i>compulsory</i>	
<b>Planned types, learning activities and teaching methods:</b> <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>3</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>Applied research in public health I.</i>	
<b>Assessment methods:</b> <i>Student achieves during the semester 100 points</i> <ul style="list-style-type: none"> <li>- <i>seminar essay, with proposal and realisation of research project, analyse and interpretation of research results, discussion and conclusion (60 points)</i></li> <li>- <i>oral examination (40 points)</i></li> </ul> <i>Needed points to evaluation: A- at least 93 points, B at least 85 points, C - at least 77 points, D at least 69 points, E - at least 61 points.</i> <i>Seminar essay is possible to evaluate with maximum of 60 points: A- at least 56 points, B at least 51 points, C - at least 46 points, D at least 41 points, E - at least 36 points. Student obtains no credits, if he reachest less than 36 points.</i>	
<b>Learning outcomes of the course unit:</b> <i>Absolving this topic Applied research in public health II, student will be able to prepare and realise the research project. Student will be independently able to formulate the research problems, goals of resaearch, to define criteria to choose the examined group, to define the plan and organisation of research. Student will be able to realise the empirical phase of research, to analyse the results of research by descriptive statistics and to interpret the results in tables and graphs. Student will be able to use the literary method to compare the results in discussion and to propose the real recommendations for practise.</i>	
<b>Course contents:</b> <ol style="list-style-type: none"> <li>1. <i>Choice of research theme, analyse of terms of thesis, literary method of research, protection of author's law copyright, the work with databases.</i></li> <li>2. <i>Defining the problems end questions of research.</i></li> <li>3. <i>The goals of research, definition of criteria for the choise of examined group.</i></li> <li>4. <i>Plan of management and realisation of research.</i></li> <li>5. <i>Collection of empirical data by questionnaire.</i></li> <li>6. <i>Collection of empirical data by content analyse of documents.</i></li> <li>7. <i>Collection of empirical data by observation and interview.</i></li> <li>8. <i>Collection of empirical data by experiment – the proposal of experiment project.</i></li> <li>9. <i>Qualitative studies.</i></li> <li>10. <i>Preparing the data for analyse.</i></li> <li>11. <i>Using descriptive statistics in research.</i></li> <li>12. <i>Interpretation research results, discussion.</i></li> <li>13. <i>Publishing and presentation of research results.</i></li> </ol>	
<b>Recommended of required reading:</b>	

1. BAKOSS P. 2011. *Epidemiológia*. Bratislava: Univerzita Komenského, 2011. 520 s. ISBN 978-80-223-2929-3.
2. EGNEROVÁ, A. 2006. *Epidemiológia: základy a metódy*. Bratislava: Herba, 2006. 160 s. ISBN 8089171435.
3. HANÁČEK J, JAVORKA K A KOL. 2010. *Vedecká príprava. Učebnica pre študentov medicíny*. Martin: Osveta, 2010. 220 s.
4. HEGYI, L., BIELIK, I. 2011. *Základy verejného zdravotníctva*. Bratislava: Herba, 2011. 288 s. ISBN: 9788089171842
5. MEŠKO D, KATUŠČÁK D, FINDRA J A KOL. 2005. *Akademická príručka*. Martin: Osveta. 2. vyd. 2005, 496 s. ISBN: 8080632006.
6. ŽIAKOVÁ K. A KOL. 2009. *Ošetrovateľstvo - teória a vedecký výskum*. Martin : Osveta, 2009. 322 s. ISBN 80-8063-304-2.
1. PUNCH, F. K., 2008. *Úspesný návrh výzkumu*. Praha: Portál, 2008. ISBN: 073674687

**Language:** Slovak

**Remarks:** none

**Evaluation history:** Number of evaluated students

A	B	C	D	E	FX

**Lectures:** doc. MUDr. Ján Bielik, CSc., PhDr. Nikoleta Poliaková, PhD.

**Last modification:** 22.4.2014

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