

**Information sheet for the course  
Bachelor seminar – applied research 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>BSAV2/e</i>	<b>Course unit title:</b> <i>Bachelor seminar – applied research 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: 10 hours weekly /130 hours per semester</i>	
<b>Number of credits:</b> <i>3</i>	
<b>Recommended semester:</b> <i>8<sup>th</sup> semester in the 4<sup>th</sup> year (part-time)</i>	
<b>Degree of study:</b> <i>I (bachelor)</i>	
<b>Course prerequisites:</b> <i>Bachelor seminar – applied research I.</i>	
<b>Assessment methods:</b> <i>Student acquires 50 score points per semester:</i> <i>-Active participation on seminars.</i> <i>-Elaboration of seminar work (50 score points).</i> <i>For obtaining the particular grades it is necessary to achieve:</i> <i>at least 48 score points for the grade A</i> <i>at least 44 score points for the grade B</i> <i>at least 41 score points for the grade C</i> <i>at least 38 score points for the grade D</i> <i>at least 35 score points for the grade E</i>	
<b>Learning outcomes of the course unit:</b> <i>Student will gain knowledge, skills and abilities on which graduate knows the scientific methods of investigation. He knows to search for scientific literature and working with it.</i>	
<ol style="list-style-type: none"> <li><i>1. The basic structure of the final thesis</i></li> <li><i>2. Definition of the issue of the final work, goal setting</i></li> <li><i>3. Development of the theoretical part of the final thesis</i></li> <li><i>4. The choice of materials, methods, and laboratory procedures to process and describe the final work, the issue of human samples, informed consent, ethics committee</i></li> <li><i>5. The design of the practical part, the choice of an appropriate number of samples, variables and files, random selection, rules of sampling</i></li> <li><i>6. Evaluation of the results of research, the basic characteristics of the data, descriptive statistics, parametrical and non-parametrical tests outliers, correlation</i></li> <li><i>7. Determination of significance levels and the definition of the statistical significance of differences between the monitored variables p-level the test criteria of the test</i></li> <li><i>8. Interpretation of the results in relation to the existing knowledge and the published output in scientific journals</i></li> <li><i>9. Rules for processing of literary supplement and the list of citations</i></li> <li><i>10 Common mistakes when creating the final work, preparation for the presentation of the final work</i></li> <li><i>11. Practical consult the specific issues being developed theses I</i></li> <li><i>12. Practical consult the specific issues being developed theses II</i></li> <li><i>13. Practical consult the specific issues being developed theses III</i></li> </ol>	
<i>Supervised practical output - transmission of the empirical part of the final work.</i>	

**Recommended of required reading:**

1. *Scientific publications databases - Pubmed, ScienceDirect etc.*
2. *KATUŠČÁK, D. Ako písať záverečné a kvalifikačné práce. 2007. 4. vyd. Nitra: Enigma, 2007. 162 p. ISBN 978-80-89132-45-4.*
3. *MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. Akademická príručka. 2005. 2. vyd. Martin, Osveta, 2005. 496 p. ISBN 80-8063-200-6.*
4. *RYBÁROVÁ, L., BAČIŠINOVÁ, J., RYBÁROVÁ, D. Metodika písania bakalárskej práce. 2006. 1. vyd. Martin, Osveta, 2004. 58 p. ISBN 80-8063-204-9.*

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

A	B	C	D	E	FX
-	-	-	-	-	-

**Lectures:***RNDr. Vladimír Meluš, PhD., MPH***Last modification:** *22.4.2014***Supervisor:** *Doc. MUDr. Jana Slobodníková, CSc.*