

Course Unit Information Sheet

University: <i>Alexander Dubček University in Trenčín</i>	
Faculty: <i>Faculty of Social and Economic Relations</i>	
Course unit code: LZP3	Course unit title: <i>Methodology of Scientific Work</i>
Planned types, learning activities and teaching methods: <i>2/2 weekly</i>	
Number of credits: <i>10</i>	
Recommended semester/trimester: <i>1st semester</i>	
Degree of study: <i>III (PhD.)</i>	
Course prerequisites:	
Assessment methods: <i>Continuous assessment: at least 80% attendance in lectures is required (30 score points). In addition, writing and presenting a term project (up to 70 score points) is required. In total, 100 points can be obtained, minimum score required is 70 points. The grading system is as follows: (E)-70 to 74 points, (D)-75 to 82 points, (C)-83 to 88 points, (B)-89 to 92 points, (A)-93-100 points.</i>	
Learning outcomes: <i>By completing the course unit, students will acquire mastery of methodology needed for carrying out independent scientific work. Students will expand their knowledge of contemporary science, its conceptual apparatus and functions in relation to theory and practice.</i>	
Course unit contents:	
<ol style="list-style-type: none"> 1. <i>Science in science: philosophy and methodology of science, history of science, ethics of science.</i> 2. <i>Science, its structure and functions. Integration and differentiation of sciences. The system of sciences.</i> 3. <i>Theoretical and practical sciences.</i> 4. <i>The system of science methodology. General methodology and special methodologies.</i> 5. <i>Empirical and theoretical level of scientific knowledge.</i> 6. <i>Facts of reality and scientific facts. Theoretical and practical scientific problems.</i> 7. <i>Scientific hypotheses, types and methods of testing/verification.</i> 8. <i>Scientific theory, structure and functions. Types of theories, theory-building methods.</i> 9. <i>Scientific explanation and prediction.</i> 10. <i>Scientific method. Classification of methods.</i> 11. <i>Theoretical methods and empirical methods.</i> 12. <i>Quantitative / qualitative methods and their use.</i> 	
Recommended reading:	
<p><i>Černík, V., Viceník, J., Višňovský, E. (2000). Praktické usudzovanie, konanie a humanitná interpretácia. Bratislava: IRIS.</i></p> <p><i>Filkorn, V. (1999). Povaha súčasnej vedy a jej metódy. Bratislava: Veda.</i></p> <p><i>Hendl, J. (2008). Kvalitatívny výzkum. Základní teorie, metody a aplikace. Praha: Portál.</i></p> <p><i>Hendl, J. (2009). Přehled statistických metod. Analýza a metaanalýza dat. Praha: Portál.</i></p> <p><i>Holomek, J., Šimanovská, T. (2002). Úvod do metodológie praktických vied (Policajné vedy ako vedy praktické). Bratislava: APZ.</i></p> <p><i>Juszczuk, S. (2003). Metodológia empirických výskumov v spoločenských vedách. Bratislava: IRIS.</i></p> <p><i>Švec, Š. a kol. (1998). Metodológia vied o výchove. Bratislava: IRIS.</i></p> <p><i>Tondl, L. (1994). Věda, technika a společnost. Praha: Filosofie.</i></p> <p><i>Viceník, J., Cmorej, P. (2002). Úvod do problematiky metodológie vedy. Časopis ORGANON F - 2000-2002.</i></p>	
Language: <i>Slovak</i>	
Remarks: <i>The course unit is offered in the 1st year of full time/part-time study/winter semester. A compulsory course unit.</i>	

Evaluation history

Total number of students assessed: 0

A	B	C	D	E	FX
A	b	c	d	e	Fx

Lecturer:

Prof. RNDr. Jaroslav Holomek, CSc. – course unit lecturer

Last modification: March 30, 2016

Supervisors: Prof. Ing. Mag. Dr. Herbert Strunz, PhD., Assoc. Prof. Mgr. Sergej Vojtovič, DrSc., Assoc. Prof. Ing. Adriana Grenčíková, PhD. – guarantors of the Human Resources and Personnel Management program of study