

## Information sheet for the course Spatial Economy

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>	
<b>Faculty:</b> <i>Faculty of Social and Economic Relations</i>	
<b>Course unit code:</b> <i>VSPV9</i>	<b>Course unit title:</b> <i>Spatial Economy</i>
<b>Type of course unit:</b> <i>optional</i>	
<b>Planned types, learning activities and teaching methods:</b> <i>Lecture: 2 hours weekly/28 hours per semester of study; face to face</i>	
<b>Number of credits:</b> <i>3</i>	
<b>Recommended semester:</b> <i>3. semester in the 2<sup>nd</sup> year (full-time)</i> <i>3. semester in the 2<sup>nd</sup> year ( part time)</i>	
<b>Degree of study:</b> <i>I. (bachelor)</i>	
<b>Course prerequisites:</b> <i>none</i>	
<b>Assessment methods:</b> <i>Compulsory attendance at lectures. At the end of the semester during the examination period: Exam.</i>	
<b>Learning outcomes of the course unit:</b> <i>Student will become familiar with the origin and development of spatial economics as a science and major topics, which explores this science. Student will obtain an overview of the theoretical basis associated with spatial theories, instruments of economic processes in space and will be informed about the possibilities and methods of business location. Student will know the tools that influence and control economic processes in space, and the spatial theories. Student will understand the issues of economy and efficiency, which are the basis for further understanding of factors affecting the different level of individual regions development. Student will be able to do analysis and projects for the use of funds for regional development in the area of Slovakia, as well as the European administrative area.</i>	
<b>Course contents:</b> <i>1. Introduction to lectures - content of the course, recommended reading, completing the course conditions.</i> <i>2. The spatial economy - space, space as a system, spatial economic structure, spatial potential operators spatial structure.</i> <i>3. Firm as spatial economic system, the location decision of firms.</i> <i>4. Localization factors, spatial distribution and spatial differentiation of location factors.</i> <i>5. Theory of order economic activities in the area.</i> <i>6. Theory of land - von Thünen theory, positional annuity lattice. Production structure.</i> <i>7. The theory of the city structure - optimizing households, households annuity rule.</i> <i>8. The theory of central cities, resulting in an optimal market areas, the system of central cities.</i> <i>9. Theory of spatial equilibrium, conditions of spatial balance, formation of trade zones.</i> <i>10. Theory of industrial location, optimal allocation of production.</i> <i>11. Urban systems, urban development and settlement structure.</i> <i>12. Models of city staged development, urbanization, suburbanization, rurbanization.</i> <i>13. Free topic chosen by students. Consultation.</i>	
<b>Recommended of required reading:</b> <i>Michalko, J.: Some results of cyber space economics in education, 2013. In: Teaching Crossroads:8th IPB Erasmus Week. – Braganca (Portugal) : Instituto Politécnico de Braganca 2013</i> <i>Michalko, J.: Funkcja decyzyjna nie tylko dla wsparcia elektronicznego systemu usług administracji państwowej (Cześć II), In: Zborník medzinárodnej vedeckej konferencie: Informatika w dobie XXI wieku, Radom, Poľsko 2009</i> <i>Michalko, J.– Betáková, J.: Kvalita priestoru a marketingová politika obce. In: Zborník na</i>	

medzinárodnú konferenciu FMK UCM v Trnave, *Nové trendy v marketingu*  
Michalko J. – Bilčík, B. – Langerová, P.: *Príspevok k teoretickému vymedzeniu klastrov v oblasti informačných komunikačných technológií. In: Zborník z medzinárodnej vedeckej konferencie dňa 12.5.2005 na tému: Inovačné procesy obsahu vysokoškolského vzdelávania v sociálnych a ekonomických vedách*

Hamalová, M.: *Priestorová ekonomika. Ekonomická univerzita, Bratislava 1996*

Krugman, P.: *Increasing returns and economic geography. In: Journal of Political Economy 1991 Články v odborných časopisoch a štúdiách.*

**Language:** *Slovak*

**Remarks:** *Course is offered in the winter semester of the second year of full-time and external bachelor studies. The course is optional.*

**Evaluation history:**

A	B	C	D	E	FX

**Lectures:** *Ing. Ján Michalko, CSc.*

**Last modification:** *15.04.2014*

**Supervisor:** *prof. PhDr. Peter Barták, DrSc., doc. Ing. Ján Kútik, CSc.*