

Information sheet for the course Creation and Protection of Environment

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Social and Economic Relations</i>	
Course unit code: <i>KVSaRR/lz18Ve/12</i>	Course unit title: <i>Creation and Protection of Environment</i>
Type of course unit: <i>optional</i>	
Planned types, learning activities and teaching methods: Forma výučby: <i>Prednáška</i> Odporúčaný rozsah výučby (v hodinách): Týždenný: <i>2</i> Za obdobie štúdia: <i>28</i> Metóda štúdia: <i>prezenčná</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>4. semester in the 2nd year (full-time)</i> <i>4. semester in the 2nd year (part -time)</i>	
Degree of study: <i>I. bachelor</i>	
Course prerequisites: <i>none</i>	
Assesment methods: <i>At the end of the semester during examination term there will be written final test for 26 points: Assessment A – najmenej 25 points, Assessment B – at least 22 points, Assessment C – at least 18 points, Assessment D – at least 15 points, Assessment E – 12 bodov. Credits will not be given to a student who will not obtain at least 11 points from the final test. At the end of the semester during examination term there will be written test for 26 points: Assessment</i>	
Learning outcomes of the course unit: <i>Student by completing the course will gain a basic understanding of various elements of environment, assessing their condition and the way of protection. At the beginning of the course syllabus student will become familiar with methods of threat and damage to environment at the global, regional and local levels. Student will know the structure and scope of public administration that ensures environmental care in Slovakia. Student will understand the tools stimulating environmental performance of the business and non-business entities. Student also get acquainted with the principles, indicators, sustainability concept materials and methods of their application in particular in Slovak Republic and states of European Union. Conclusion of the course syllabus is focused on learning about the latest environmental trends and technologies, use of information technology and monitoring the creation and protection of environment and the importance of effective international cooperation. After completing the course student will be able to make some technical decisions within the creation and protection of environment.</i>	
Course contents: <i>1. Introduction. Basic concepts, the meaning of General system theory in the development and protection of environment. Physical, chemical and biological processes in nature.</i> <i>2. Global environmental problems. Analysis of specific action of environmental risk factors and the possibility of eliminating their negative effects.</i>	

3. *Environmental policy on the environment.*
4. *Environmental regionalization and environmentally stressed areas in Slovakia.*
5. *Methods of environmental care. Environmental management and audit.*
6. *Basic legal norms in care of the individual components of environment.*
7. *Integrated prevention and control of environmental pollution. Caring for in-country activities deployment.*
8. *Protection of nature and landscape.*
9. *Concept of sustainable development. Key policy documents, indicators and application methods of the concept in practice.*
10. *Environmental innovation technologies and equipment in basic economy sectors.*
11. *Information technology and environmental monitoring. European Union in the system of care for environment.*
12. *The international context of environmental protection. European Union in the system of care for environment.*
13. *Free topic chosen by students. Consultation.*

Recommendation of required reading:

Šandora, J.: *Environmentalistika I. Základy environmentalistiky.* TnUAD, Trenčín 2012
 Križanová, Z.: *Sustainable regional development. In Almanach TnUAD, Trenčín 2012*
Agenda 21 a ukazovatele trvalo udržateľného rozvoja: MŽP SR, Bratislava 1996
 Demo, M. – Hronec, O. – Tóthová, M. a kol.: *Udržateľný rozvoj – život v medziach únosnej kapacity biosféry.* SPU, Nitra 2006
 Čerkala, E. – Pirč, J.: *Právo životného prostredia a politika.* TU vo Zvolene, Zvolen 2004
 Klinda, J.: *Terminologický slovník environmentalistiky.* MŽP SR, Bratislava 2000
 Pucherová, Z.: *Kvalita životného prostredia a environmentálny monitoring v Slovenskej republike.* UKF v Nitre, Nitra 2008
 Vološčuk, I.: *Ochrana prírody a krajiny.* TU vo Zvolene, Zvolen 2005
Správy o stave životného prostredia SR, MŽP SR – ročenky
Zbierka zákonov SR
Odborná časopisecká literatúra.

Language: Slovak

Remarks:

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

Evaluation history: 142

A	B	C	D	E	FX
4.93	10.56	23.24	30.99	27.46	2.82

Lectures: Ing. Zuzana Križanová, PhD.

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Supervisor: doc. Mgr. Sergej Vojtovič, DrSc.