

COURSE INFORMATION SHEET

University: Catholic University in Ružomberok	
Faculty: Faculty of Education	
Course code: KGE/Ge-BD112B/22	Course title: Selected Methods and Exercises in Physical Geography
Type and range of planned learning activities and teaching methods: Form of instruction: Seminar Recommended study range: hours weekly: 1 hours per semester: 13 Teaching method: on-site	
Credits: 2	Working load: 50 hours
Recommended semester/trimester: 5.	
Level of study: I.	
Prerequisites:	
Requirements for passing the course: Elaboration of a semester paper in the range of 5-10 pages, thematically focused on processing selected physical-geographic features of the chosen area. Final assessment: total percentage gain from the evaluation of the content and level of the semester work (80%) and the presentation of the semester work (20%). Subject evaluation: A – 100%-93%, B – 92%-85%, C – 84%-77%, D – 76%-69%, E – 68%-60%, Fx – 59%-0%	
Learning outcomes of the course: After completing the subject, the student will acquire the following knowledge, skills and competences: - knows the basic cabinet and field methods of research and study in physical geography, - is able to choose and use a specific method for the chosen task, - can process the obtained results and evaluate them into a comprehensive output document.	
Course contents: 1. Physical geographic research: introduction, past and present 2. Exercises in lithogeography: geological maps 3. Exercises in lithogeography: identifying rocks and their properties in the field 4. Morphogeography exercises: topographic maps 5. Morphogeography exercises: identifying georelief forms in the terrain 6. Morphogeography exercises: use of the remote sensing methods 7. Exercises in climate geography: meteorological data 8. Exercises in hydrogeography: hydrological data 9. Exercises in pedogeography: soil probe 10. Exercises in pedogeography: identifying soil textures and types in the field 11. Exercises in biogeography: identifying plant species in the field 12. Data processing in the GIS environment 13. Presentations of semester works	

Recommended or required literature:

LUKNIŠ, M. ED. (1972). Slovakia 2, Nature. Bratislava: Obzor, 917 p. In Slovak

LAUKO, V. (2003). Physical geography of the Slovak Republic. Bratislava: Mapa Slovakia School, 106 p. In Slovak

LAUKO, V., TOLMÁČI, L., GURŇÁK, D. (2003). Physical geography of the Slovak Republic. Practicum. Bratislava: Mapa Slovakia School, 56 p. In Slovak

BELLA, P. (2008). Caves as natural geosystems – geoecological research and environmental protection. Liptovský Mikuláš: ŠOP SR, SSJ, 167 p. In Slovak

BELLA P. (2016). Caves in Slovakia – genetic types and morphology. Ružomberok: Verbum, 124 p. In Slovak

ČURLÍK, J., ŠURINA, B. (1998). Handbook of field survey and soil mapping. Bratislava: Soil Fertility Research Institute, 134 p. In Slovak

LOŽEK, V. (2007). Mirror of the past: the Czech and Slovak landscape in the Quarter. Prague, Dokořán, 198 p. In Czech

ŠABO, M. (2010). Introduction to the issue of assessing natural threats. Acta Geographica Universitatis Comenianae, 54, 2, p. 193-205. In Slovak, available on the Internet: http://www.actageographica.sk/stiahnutie/54_2_03_Sabo.pdf

PAPČO, P. (2011). Gully erosion in time – maps versus correlated sediments (case study). Geographical journal, 63, 3, p. 287-298. In Slovak, available on the Internet: <https://www.sav.sk/journals/uploads/03101341GC-11-3-Papco.pdf>

GEOLOGICAL MAP OF SR M 1 : 50,000. Bratislava: Dionýz Štúr State Geological Institute. Available on the Internet: <https://apl.geology.sk/gm50js>

ATLAS MAPS OF THE STABILITY OF SLOPES SR. Bratislava: Dionýz Štúr State Geological Institute. Available on the Internet: <http://apl.geology.sk/atlassd>

STATE LIST OF SPECIALLY PROTECTED PARTS OF NATURE OF THE SR. Available on the Internet: <https://data.sopsr.sk/chranene-objekty/>

ATLAS OF THE LANDSCAPE OF THE SLOVAK REPUBLIC (2002). Bratislava: MŽP SR, Banská Bystrica: SAŽP, 343 p.

Language of instruction:

Slovak

Notes:**Course evaluation:**

Assessed students in total: 22

A	B	C	D	E	FX
95.45	4.55	0.0	0.0	0.0	0.0

Name of lecturer(s): RNDr. Pavol Papčo, PhD.**Last modification:** 27.08.2022**Supervisor(s):****Guarantor:**

Administrátor Systému

People responsible for the delivery, development and quality of the study programme:

prof. ThDr. Rastislav Adamko, PhD., doc. Mgr. Marek Babic, PhD., doc. RNDr. Pavel Bella, PhD., prof. PaedDr. Mgr. art. Rastislav Biarinec, ArtD., prof. Irina Chelysheva, DrSc., prof. PaedDr. František Dlugoš, PhD., Mgr. Juraj Dvorský, PhD., prof. PhDr. Ingrid Emmerová, PhD., doc. Tatiana Korenkova, CSc., prof. PaedDr. Milan Ligoš, CSc., doc. Mgr. Eva Litavcová, PhD., doc. PaedDr. Peter Mačura, PhD., prof. PhDr. David Papajík, PhD., doc. Ing. Miroslav Saniga, CSc., prof. Nóra

Séllei, PhD., DrSc., PhDr. ThLic. Martin Taraj, PhD., Prof. Ing. Peter Tomčík, PhD., prof. Dr. phil.
fac. theol. Peter Volek, doc. Ing. Igor Černák, PhD.