COURSE INFORMATION SHEET

University: Catholic University in Ružomberok	
Faculty: Faculty of Education	
Course code: KGE/Ge-BD104A/22	**Course title:** Physical Geography 2 (Geomorphology)
Type and range of planned learning activities and teaching methods: **Form of instruction:** Lecture / Seminar **Recommended study range:** **hours weekly:** 2 / 1 **hours per semester:** 26 / 13 **Teaching method:** on-site	
Credits: 3	**Working load:** 75 hours
Recommended semester/trimester: 2.	
Level of study: I.	
Prerequisities: KGE/Ge-BD103A/22	

Requirements for passing the course:

Verification of the degree of acquisition of relevant knowledge, skills and competencies of the student is carried out based on the evaluation of the student's ongoing tasks during the semester and on the basis of the evaluation of the written test and the final oral exam. During the semester, active participation in seminars is required in the form of preparation and presentation of seminar exercises on assigned topics. At the end of the semester, the student proves his theoretical knowledge first in the form of a written test. In order to participate in the final oral exam, it is necessary to obtain at least 60% of the points from the test.

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: - the student has basic knowledge of geomorphology and morphogeography, knows how to clarify relief-forming conditions and processes, knows the systematics of types and forms of georelief, understands the function of georelief in the landscape sphere, - understands and can present spatial laws differentiation of geomorphological forms and processes on the earth's surface, - recognizes geomorphological terrain shapes with an emphasis on the territory of Slovakia, uses topographic maps to identify and construct profiles of geomorphological forms, knows how to use literature and map materials to process the basic geomorphological characteristics of the selected territory, - can apply the acquired knowledge in a specific area and when teaching geography at primary and secondary schools.

Course contents:

1. Object and subject of geomorphology and its position in the system of sciences, overview of development and division of geomorphology. 2. Endogenous and exogenous geomorphological processes. 3. Global structural geomorphology, morphostructures. 4. Structural geomorphology of land and oceans (basic morphostructures of land and structural types of georelief, basic morphostructures of the ocean floor). 5. Weathering, resistance of rocks to weathering. 6. Side processes and georelief alignment. 7. Geomorphological activity of rivers. 8. Morphogenesis of dissolution and suffusion processes. 9. Morphogenetic activity of snow, relief-forming activity of glaciers. 10. Cryogenic processes and forms. 11. Aeolian morphogenesis. 12. Geomorphological

activity of oceans, seas and lakes. 13. Organisms and georelief of the Earth, geomorphological activity of man.

Recommended or required literature:

BIZUBOVÁ, M., ŠKVARČEK, A. (2009). Geomorphology. Faculty of Science, UK, Bratislava, 228 p. THURMAN, H.V., TRUJILLO, A.P. (2005). Oceanography. Computer Press, Prague, 479 p. JAKÁL, J. (1993). Geomorphology of the Karst of Slovakia. Slovak Karst, 31, p. 13-28. BELLA, P. (2011). Genetic types of caves. Verbum, Ružomberok, 220 p. KIRCHNER, K., SMOLOVÁ, I. (2010). Anthropogenic geomorphology. Palacký University, Olomouc, 287 p.

Language of instruction:

Slovak

Notes:

Course evaluation:

Assessed students in total: 44

A	B	C	D	E	FX
4.55	13.64	11.36	25.0	38.64	6.82

Name of lecturer(s): doc. RNDr. Pavel Bella, PhD.

Last modification: 31.08.2022

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.