

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GMP/21	Course name: Geomorphological mapping
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method:	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: I. (Bachelor)	
Course level:	
Prerequisites:	
Conditions for course completion: The evaluation of the subject consists of the evaluation of one main semester task - a self-created geomorphological map (50 b), one interim task (25 b) and a written essay (25 b), while the sum of all points for the given tasks is 100 b. The student must obtain at least half of the points in each assignment. To successfully complete the subject, the student must obtain at least 51 b. Grading scale: A (100-91%), B (81-90%), C (71-80%), D (61-70%), E (51-60%).	
Learning outcomes: Knowledge: <ul style="list-style-type: none">• get to know the possibilities and use of geomorphological mapping,• theoretical knowledge from working with instrumentation in the field,• acquisition of knowledge at the level of synthesis from the field of geology and sub-spheres of geography. Skills: <ul style="list-style-type: none">• compare and analyze different types of geomorphological maps of different scales, types of relief and country of origin,• be able to create graphical outputs in a GIS environment. acquiring practical skills with working with instrumentation in the field,• ability to transform from a mental (visual) environment to a thematic map,• obtain, analyze and interpret data from field mapping,• evaluate the basic phenomena directly in the field,• map in the field and create a thematic map,• evaluation of phenomena and processes in written and graphical form in the GIS environment. Competences: <ul style="list-style-type: none">• be able to independently apply the acquired knowledge from geology and partial spheres of geography in practice,• independently geomorphologically map a small area with the creation of a geomorphological map and its explanations,• independent use of methods and devices for obtaining field data, their analysis and subsequent interpretation,• plan and organize work subtasks during field mapping and processing of obtained information,• the ability to independently interpret the knowledge gained by studying the subjects of physical geography in a particular area, to formulate conclusions.	
Brief outline of the course:	

<p>The course deals with the issue of geomorphological mapping, geomorphological map and its importance. It deals with the history of geomorphological mapping, map works in Slovak and foreign professional literature, theory and practice of field research and mapping, compilation of explanations to the geomorphological map for various types of relief. In addition, with the help of graphical software tools, we work with morphometric and morphographic characteristics of the relief, morphogenetic and morphodynamic interpretation of the geomorphological map. In addition to the above theoretical basis, the exercise also includes a practical mapping of the relief in the field to a scale of 1:10 000 in the vicinity of Košice, which results in a geomorphological map, which is a semester output with evaluation.</p>
<p>Recommended literature:</p>
<p>Course language:</p>
<p>Notes:</p>
<p>Course assessment Total number of assessed students: 1</p>
<p>Course assessment is visible only in case of include the course to some study plan.</p>
<p>Provides: RNDr. Alena Gessert, PhD.</p>
<p>Date of last modification: 27.06.2022</p>
<p>Approved:</p>