

Course Information Sheet

University: <i>University of Prešov</i>	
Faculty: <i>Faculty of humanities and natural sciences</i>	
Code: 2EKO/FYGEO/22	Title of Course: Physical Geography
Form of Study: <i>lecture, practical seminar</i>	
Number of contact hours:	
per week: <i>1 hour of lecture/1 hour of practical seminar</i>	
per level/semester: 13/13	
<i>10 hours of lectures, 10 hours of practical seminars, 60 hours of self-study, 10 hours of learning about physical and geographical spheres in the field,</i>	
Number of credits: 3	
Semester: <i>1st year of study, summer semester</i>	
Degree/Level: 1	
Prerequisites: -	
Grading Policy (Assessment/Evaluation): <i>The evaluation of the student's study results within the study subject will take place:</i> <i>a) two continuous tests during the teaching part of the semester (40%)</i> <i>(b) final exam (60%)</i> <i>The criteria for successful completion of the course (percentage expression of results in the evaluation of the exam from the subject) are</i> <i>for the following grades:</i> <i>a) A - 100.00 - 90.00%</i> <i>b) B - 89.99 - 80.00%</i> <i>c) C - 79.99 - 70.00%</i> <i>d) D - 69.99 - 60.00%</i> <i>e) E - 59.99 - 50.00%</i> <i>f) FX - 49.99 and less%</i>	
Aims and Objectives: <i>By completing the course, the student will demonstrate the ability to:</i> <i>- name and characterize individual physical-geographical spheres of the Earth,</i> <i>- describe the composition of the lithosphere, hydrosphere, atmosphere and the processes that take place in them,</i> <i>- name and characterize geological eras, describe and map geological zones in Slovakia,</i> <i>- interpret the laws of soil distribution on Earth and characterize the pedological conditions of Slovakia,</i> <i>- describe the horizontal and vertical division of the biosphere.</i>	
Syllabus/Indicative Content: <ol style="list-style-type: none"> <i>Physical geography as the science – definition, history, subject, physico-geographical spheres, Earth movement.</i> <i>Litosphere – composition, planetary composition, tectonic faults, volcanism</i> <i>Litosphere - georelief, processes and forms of relief.</i> <i>Geological eras, geological zones in Slovakia</i> <i>Pedosphere – characteristics, physical and chemical soil properties, soil composition, soil formation factors, pedogenic process.</i> <i>Pedosphere – soil classification system, the principle of land zoning, land of Slovakia.</i> <i>Biosphere - characteristics, functions and status of organisms in the land biosphere horizontal division, vertical division of the biosphere.</i> <i>Biosphere – fytogeographical and zoogeographical division in Slovakia</i> 	

9. *Hydrosphere – land surface water, origin and development of river network, measurable characteristics of watercourses, the type of drainage basins, the creation and distribution of lakes.*
10. *Hydrosphere – ocean, physical and chemical properties of sea water, movements of sea water, tidal phenomena*
11. *Atmosphere – composition, climatic features, atmospheric processes, air stream.*
12. *Atmosphere – main climatic zones on the Earth, meteorological features of the weather, weather forecast, climatic characteristics of Slovakia.*

Suggested readings:

Ettwein, V., Maslin. M. Physical geography: Fundamentals of the physical environment. 2011

Language of Instruction: *english*

Other course information:

Grading history

A	B	C	D	E	FX
a	b	c	d	e	f

Uvádza sa percentuálny podiel hodnotených študentov, ktorí získali po zapísaní predmetu hodnotenie A, B, ... FX. Celkový súčet a, b, c, d, e, f je 100. Ak študent v jednom roku získal FX a po ďalšom zapísaní predmetu hodnotenie D, zohľadnia sa obe jeho hodnotenia.

Lecturer/Instructor: *RNDr. Lenka Demková, PhD.*

Last update: *12.01.2022*

Approved by: