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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJAKA/07	Course name: Academic English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active classroom participation, assignments handed in on time, 2 absences tolerated 1 test (13th week), no retake. Presentation on chosen topic Final evaluation- average assessment of test (50%), and presentation (50%). Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less	
Learning outcomes: The development of students' language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can effectively use the language for a given purpose, with focus on Academic English, level B2.	
Brief outline of the course: Formal and informal English Academic English and its specific features Key academic verbs and nouns Linking words in academic writing, writing a paragraph, word-order, topic sentences Word-formation - affixation abstract Selected aspects of English pronunciation, academic vocabulary Selected functional grammar structures - defining, classifying, expressing opinion, cause-effect, paraphrasing	
Recommended literature: Seal B.: Academic Encounters, CUP, 2002 T. Armer :Cambridge English for Scientists, CUP 2011 M. McCarthy M., O'Dell F. - Academic Vocabulary in Use, CUP 2008 Zemach, D.E, Rumisek, L.A: Academic Writing, Macmillan 2005 Olsen, A. : Active Vocabulary, Pearson, 2013 www.bbclearningenglish.com Cambridge Academic Content Dictionary, CUP, 2009	

Course language: English language, level B2 according to CEFR.					
Notes:					
Course assessment Total number of assessed students: 435					
A	B	C	D	E	FX
36.09	22.3	14.94	9.89	5.75	11.03
Provides: Mgr. Viktória Mária Slovenská					
Date of last modification: 11.09.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/SPB1/21		Course name: Bachelor Thesis Project Seminar 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 51					
A	B	C	D	E	FX
88.24	7.84	3.92	0.0	0.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/SPB2/21		Course name: Bachelor Thesis Project Seminar 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 32					
A	B	C	D	E	FX
68.75	25.0	6.25	0.0	0.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Katarína Onáčillová, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ BPO/14		Course name: Bachelor Thesis and its Defence			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 209					
A	B	C	D	E	FX
38.76	26.79	16.75	8.61	7.66	1.44
Provides:					
Date of last modification: 07.12.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ZKAR/21		Course name: Basics of Karstology and Speleology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 18					
A	B	C	D	E	FX
66.67	11.11	11.11	11.11	0.0	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, doc. Ing. Katarína Bónová, PhD.					
Date of last modification: 07.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ZPRO/21		Course name: Basics of programming (Python)			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 33					
A	B	C	D	E	FX
48.48	36.36	9.09	3.03	3.03	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.					
Date of last modification: 30.09.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ZDPZ/21		Course name: Basics of remote sensing of the Earth			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
41.38	20.69	24.14	13.79	0.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD., Mgr. Katarína Onačillová, PhD.					
Date of last modification: 18.04.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ KRT1/21	Course name: Cartography and Geoinformatics 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: During the semester, it is necessary to submit the results of the exercises. The acquired knowledge at the exercises will be verified by continuous examinations. The number of work outputs and written examinations will be announced at the beginning of the semester. It is possible to obtain 30% for meeting the evaluation criteria at the exercise (work outputs and written tests). The final evaluation of the exercises is determined by the instructor of the subject on the basis of completing the tasks in the exercises during the semester. The final evaluation of the course is based on a combination of meeting the evaluation conditions from the exercises and the final exam. A student who has met the conditions for passing the course at the seminars can apply for the final exam. The final evaluation is a weighted average of the evaluation from the exercises (30%) and the final exam (70%). Credits will be awarded only to a student who achieves the final grade at least at the level of grade E. Credits will not be awarded to a student who does not meet the requirements of the exercises and the final exam is evaluated by FX. Rating scale: A (100-91%), B (81-90%), C (71-80%), D (61-70%), E (51-60%).	
Learning outcomes: Knowledge: The student will gain theoretical knowledge in the field of cartography and geoinformatics. The student is able to understand cartographic and geoinformatics terminology, appropriately applies cartographic methods for displaying spatial information using a geographic information system, acquires a theoretical basis for the application of cartographic representations and coordinate systems and defines the composition of maps in GIS. The student acquires knowledge of the mathematical principles of mapping the Earth on a map and understands cartographic distortions, classification of cartographic representations, simple and false representations. The student acquires knowledge from the Slovak state map work (civil, military) and also acquires knowledge in cartographic expression methods (cartogram, cartodiagram) and the basics of cartometry. Skills: The student will learn to acquire and work with the basics of the QGIS program, its control, purpose and structure. The student acquires basic orientations and work in the QGIS program, and work in the basic tools, setting layer properties and is capable of exporting data in different formats. The student understands cartographic representations in QGIS. The student acquires skills in working with paper maps, scale and measurements on maps, can orient in the field using a map, compass and can determine the azimuth. The student has skills in creating a point layer, has skills in	

the principles of expressing point phenomena, the creation of a line layer as well as in the principles of expressing line phenomena, isolines. Student also has skills in creating a surface layer, in the principles of expressing surface phenomena. Controls the creation of map output, page settings, map export and output parameters settings. The student has skills in the composition of the map - setting the compositional elements of the map and in creating the map output.

Competences: The student is able to work with a high degree of independence with geodata, to visualize them and create new layers, has all the prerequisites for independent creation of digital map output with available software support within GIS. The student is fully competent in the composition of the map - setting its compositional elements. When creating a map output, the student is able to independently or in cooperation in the relevant work team to communicate and collaborate with other experts, formulate opinions and recommendations in the creation and use of GIS in cartography.

Brief outline of the course:

Lectures: Cartography, basic concepts and position in the geosciences system. History and development of cartography. Geoinformatization cartography, digital cartography. Cartography and geoinformatics and their correlation. Geoinformatics, basic terms and definitions of GIS; online maps. Digital representation of objects and phenomena in GIS, vector and raster format. Principles of methodologies of cartographic modeling of geographical information in GIS. Design, use and evaluation of cartographic imaging properties in geoinformatics applications. Map - definition, map criteria, basic properties and elements of the map, categorization of maps, map scale. Principles of mapping the Earth, geoid, reference and display areas, global and local coordinate systems, the Earth and geographical lines and their importance for cartography and geoinformatics. Cartographic distortions, classification of cartographic representations, simple (azimuthal, conical, cylindrical) and false representations. Cartographic representations used in the Slovak state map work. Slovak state map work (civil, military), ZB-GIS, samples. Workflow for creating topographic maps, mapping, overview of 3D data collection in the field and used instrumentation. Map creation - basics of map language, cartographic characters, map markers - point, line and area phenomena. Cartographic expression methods - cartogram, cartodiagram, classification and types of cartograms and cartodiagrams. Map composition, map content, map colors, map description, geographical nomenclature, map design. Basics of cartometry - positioning, measuring and determining distances, measuring and determining the size of surfaces, measuring oriented directions and angles, determining altitudes, determining the slope, profile construction, hypsometric curve. Classification of field formations. Thematic maps of various scales, applications, interpretation of maps. Maps on the Internet, map servers, Google Maps / Earth, Openstreetmaps. Office of Geodesy, Cartography and Cathars of the Slovak Republic - Geoportal.

Exercises: Basic introduction to ArcGIS, its purpose and control, program structure, data formats (*.mxd, *.shp), basic terminology - project, data layer - point, line, area, "features" and "graphics". Basic orientation in ArcMap, introduction of basic tools of the "Standard" and "Tools" packages, window "Table of contents", arrangement and properties of layers, tool "Select features" and "Data - Export Data". Defining a coordinate system, cartographic representations in ArcGIS. Introducing the options of the "Layer Properties" dialog box, working with the attribute table, working with files. Basic table editing, preparation and connection of databases (excel / shapefile) using the "Join" function. Working with paper maps, scale and measurement on maps. Orientation in the field using a map, compass, azimuth determination. Georeferencing. Point layer formation; principles of expressing point phenomena in ArcGIS. Linear layer formation; principles of expressing linear phenomena in ArcGIS, isolines. Merge lines, Split lines. Formation; principles of expressing surface phenomena in ArcGIS, Polygon, Auto Complete Polygon, Cut Polygon Tools, Merge polygons. Cartogram, cartodiagram. Map output creation - Layout view, page settings, Map export and output

parameters settings. Map composition - setting the map composition elements and creating map output.					
Recommended literature: HOFIERKA, J., J. KAŇUK, M. GALLAY, 2014. Geoinformatika. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach. ISBN 978-80-8152-178-2. HOJOVEC, V. et al., 1987. Kartografie. Praha: Geodetický a kartografický podnik v Praze. ISBN 29-621-87. LONGLEY, P.A., M. GOODCHILD, D. J. MAGUIRE, D. W. RHIND, 2010. Geographic Information Systems and Science. 3rd ed. Hoboken: Wiley & Sons, ISBN 978-0-470-72144-5. PRAVDA, J., D. KUSENDOVÁ, 2004. Počítačová tvorba tematických máp. Bratislava: Univerzita Komenského v Bratislave. ISBN 80-223-2011-0. ROBINSON, A. H. et al., 1995. Elements of Cartography. 6th ed. Hoboken: Wiley & Sons. ISBN 0-471-55579-7. VOŽENÍLEK, V. et al., 2011. Metody tematické kartografie - Vizualizace prostorových jevů. Olomouc: Univerzita Palackého v Olomouci. ISBN 978-80-24427-90-4.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 169					
A	B	C	D	E	FX
13.02	14.79	28.99	27.81	14.79	0.59
Provides: Mgr. Michaela Nováková, PhD., prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Loránt Pregi, PhD., Mgr. Jozef Šupinský, PhD.					
Date of last modification: 19.09.2023					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ KRT2/21		Course name: Cartography and Geoinformatics 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 67					
A	B	C	D	E	FX
56.72	22.39	11.94	5.97	0.0	2.99
Provides: Mgr. Ján Šašák, PhD., Mgr. Petra Dávidová					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/ PFAJKKA/07		Course name: Communicative Competence in English			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss two classes at the most. 2 credit tests (presumably in weeks 6/7 and 12/13) and an oral presentation in English. Final evaluation consists of the scores obtained for the 2 tests (50%). Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: www.bbclearningenglish.com Štěpánek, Libor a kol. Academic English-Akademická angličtina. Praha: Grada Publishing, a.s., 2011. McCarthy M., O'Dell F.: English Vocabulary in Use, Upper-Intermediate. CUP, 1994. Fictumova J., Ceccarelli J., Long T.: Angličtina, konverzace pro pokročilé. Barrister and Principal, 2008. Peters S., Gráf T.: Time to practise. Polyglot, 2007. Jones L.: Communicative Grammar Practice. CUP, 1985. Additional study materials.					
Course language: English language, B2-C1 level according to CEFR					
Notes:					
Course assessment Total number of assessed students: 303					
A	B	C	D	E	FX
45.21	21.12	17.49	7.59	5.94	2.64
Provides: Mgr. Barbara Mitříková, Mgr. Viktória Mária Slovenská					

Date of last modification: 06.02.2025
Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJGA/07	Course name: Communicative Grammar in English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active classroom participation (maximum 2 absences tolerated), homework assignments completed by given deadlines. Presentation of a topic related to the study field. Final Test - end of semester, no retake Final assessment = average of test and presentation. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less	
Learning outcomes: The development of students' language skills - reading, writing, listening, speaking, improvement of their communicative linguistic competence. Students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence. Students can effectively use the language for a given purpose, with focus on Academic English and English on level B2.	
Brief outline of the course: Selected aspects of English grammar and pronunciation Word formation Contrast of tenses in English The passive voice Types of Conditionals Phrasal verbs and English idioms Words order and collocations, prepositional phrases	
Recommended literature: Vince M.: Macmillan Grammar in Context, Macmillan, 2008 McCarthy, O'Dell: English Vocabulary in Use, CUP, 1994 www.linguahouse.com esllibrary.com bbclearningenglish.com ted.com/talks	
Course language:	

English language, level B2 according to CEFR.					
Notes:					
Course assessment					
Total number of assessed students: 446					
A	B	C	D	E	FX
41.48	19.51	15.7	7.85	5.61	9.87
Provides: Mgr. Viktória Mária Slovenská, Mgr. Lýdia Markovičová, PhD.					
Date of last modification: 08.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KGER/ NJKG/07	Course name: Communicative Grammar in German Language
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most (2x90 min.). 2 control tests during the semester. Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.	
Learning outcomes: The aim of the course is to identify and eliminate the most frequent grammatical errors in oral and written communication, learning language skills of listening comprehension, speaking, reading and writing, increasing students' language competence (acquisition of selected phonological, lexical and syntactic knowledge), development of students' pragmatic competence (acquisition of the ability to express selected language functions), development of presentation skills, etc.	
Brief outline of the course: The course is aimed at practicing and consolidating knowledge of morphology and syntax of German in order to show the context in grammar as a whole. The course is intended for students who often make grammatical errors in oral as well as written communication. Through the analysis of texts, audio recordings, tests, grammar exercises, monologic and dialogical expressions of students focused on specific grammatical structures, problematic cases are solved individually and in groups. Emphasis is placed on the balanced development of grammatical thinking in the communication process, which ultimately contributes to the development of all four language skills.	
Recommended literature: Dreyer, H. – Schmitt, R.: Lehr- und Übungsbuch der deutschen Grammatik. Hueber Verlag GmbH & Co. Ismaning, 2009. Krüger, M.: Motive Kursbuch, Lektion 1 – 30. Huebert Verlag GmbH & Co. Ismaning, 2020. Brill, L.M. – Techmer, M.: Deutsch. Großes Übungsbuch. Wortschatz. Huebert Verlag GmbH & Co. Ismaning, 2011. Földeak, Hans: Sag's besser!. Grammatik. Arbeitsbuch für Fortgeschrittene. Huebert Verlag GmbH & Co. Ismaning, 2001. Geiger, S. – Dinsel, S.: Deutsch Übungsbuch Grammatik A2-B2. Huebert Verlag GmbH & Co. Ismaning, 2018. Dittelová, E. – Zavatčanová, M.: Einführung in das Studium der deutschen Fachsprache. Košice: ES UPJŠ, 2000.	

Course language: German, Slovak language					
Notes:					
Course assessment Total number of assessed students: 58					
A	B	C	D	E	FX
62.07	10.34	8.62	3.45	8.62	6.9
Provides: Mgr. Ulrika Strömplová, PhD.					
Date of last modification: 13.08.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/KAS/21	Course name: Country and society
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: The course is completed with a written final exam aimed to the verification of acquired theoretical knowledge and practical skills. Its weight in the final grading is 50%. Another 50% are results of continuous grading during the semester. To get a grading, at least 50% must be gained in both parts (final and continuous) of evaluation. Continuous grading consist of written tests (30%), elaboration and presentation of essay on assigned topic (60%), and active discussions on topics announced in advance by the lecturer. Active participation with max. two absences is a condition to get a grading. To obtain the final grade A, it is necessary to obtain a weighted average of the continuous evaluation and final exam of 90% or more, for the B grade it is 80%, for the C grade 70%, for the D grade 60% and for the E grade 50%.	
Learning outcomes: Knowledge: Students know the basic geographical features of individual world's macroregions. They know where aproximately are boundaries, cores and areas where features of several macroregions overlap. The student understands the basic regularities and causations of the distribution of geographical phenomena in global space. Skills: Students are familiar with thematic databases, are able to identify key indicators in them. They are well versed in the available literature, they can identify professionally relevant sources. Students can interpret the impact of the characteristics of individual macroregions on current environmental, social, political, economic and security developments in the context of vertical and horizontal interactions between geographical phenomena. Students have improved skills in working with the atlas and various forms of maps. Competences: Students are competent to compose a professional opinion, an essay on basic regional-geographic topics. In them, they can formulate expert opinions on geographical phenomena based on relevant studies, documents and data. They are able to present these opinions in a comprehensible way and to argue about them objectively in the discussion. In this way, the student builds presentation competences, the basics of the competence to moderate a professional discussion on geographical topics, or to be an active and objectively debating participant in such a discussion.	
Brief outline of the course:	

During the semester, students will become familiar with the basic geographical features of the world's macro-regions in lectures, while the emphasis will be placed on the interdependence between the spatial distribution of individual phenomena.

In terms of content, the subject is divided into the following areas: (1) Basic geographical definition of world's macroregions according to population, cultural and economic criteria (1st lecture); (2) movements of lithospheric plates and formation of today's shape of world's landscape (2nd lecture), formation of the current relief, basic geomorphological units (3rd lecture); (3) Climatic-geographical and hydrological-geographical conditions (influence of individual factors on the formation of climatic conditions of regions, basic climatic zones, river basins, river network, non-drainage areas, lakes according to genesis and location) (4th lecture); (4) Basic pedogeographical and biogeographical conditions, landscape protection (5th lecture); (5) Historical-political development of the world in the context of world's macro-regions (6th and 7th lectures); (6) Population and settlements (population development (8th lecture), racial and ethnic composition of the population, linguistic structure of the population (9th lecture), natural reproduction and migration of the population (10th lecture), settlements and urbanisation (11th lecture)); (7) Economy (development of the economy and general characteristics of the economy, types of countries and regions according to the nature of the economy (12th lecture); (8) Synthesis of geographical knowledge of individual macroregions (13th lecture).

Exercises: In the first part of the semester, the exercises will reflect the content of the above topics. Directly during the exercises, using worksheets prepared by the teacher, the student applies knowledge from the lectures, practices orientation in the atlas and working with online data sources, both within group and individual activities. At the beginning of the semester, the teacher presents a database of topics, from which the student chooses one to write an essay on as part of an independent work. Student will prepare a presentation of the essay, which she/he will present as part of the exercises in the second part of the semester and discuss the topic together with other students and the teacher. Written examinations will take place directly at the exercises.

Recommended literature:

- ANDEĚL, J. et al. 2019: Makroregiony světa: Nová regionální geografie. Praha (Karolinum), 326 p.
- NIJMAN, J., et al. 2019: Regions. New York (Willey), 490 p.
- OCE 2019: Countries, Rankings, Visualiazations. The Observatory of Economic Complexi-ty. Available at: <https://atlas.media.mit.edu/en/>.
- ČEMAN, R. 2017: Školský geografický atlas Svet. Bratislava (Mapa Slovakia), 112 s.
- DE BLIJ, H. J. et al: 2013: The World Today - Concepts and Regions in Geography, 6th edition. New York (Wiley), 528 p.
- BRADSHAW, W. et al. 2012: Contemporary World Regional Geography, 4th edition. New York (McGrawHill), 620 p.
- HOBBS, J. J. 2010: Fundaments of World Regional Geography, 2nd edition. Belmont (Bro-oks/ Cole), 438 p.
- BAAR, V. 2002: Národy na prahu 21. století. Emancipace nebo nacionalismus? Ostrava (Ostravská univerzita), 416 s.

Course language:

Slovak, English

Notes:

Course assessment					
Total number of assessed students: 43					
A	B	C	D	E	FX
18.6	30.23	32.56	11.63	4.65	2.33
Provides: doc. Mgr. Ladislav Novotný, PhD., Mgr. Loránt Pregi, PhD.					
Date of last modification: 06.07.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ KULG/21		Course name: Cultural Geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 52					
A	B	C	D	E	FX
57.69	19.23	21.15	1.92	0.0	0.0
Provides: Mgr. Marián Kulla, PhD., prof. Mgr. Jaroslav Hofierka, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ DTG/21	Course name: Digital technologies in geography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Assessment is based on a combination of midterm (30%) and final assessment (70%) at the end of the semester. The overall evaluation is calculated as a weighted average of the final and midterm evaluation. The evaluation scheme applies to the overall evaluation: A (100-90 points), B (80-89 points), C (70-79 points), D (60-69 points), E (50-59 points), FX (0 -49 points).	
Learning outcomes: Knowledge: The student will gain knowledge in the field of information and communication technologies specific to the study of geography and geoinformatics. The student will learn to search for and sort different types of information. The acquired knowledge will be used in working with professional literature published in scientific databases and selected geospatial databases. Skills: The student will learn to work with selected WebGIS portals publishing geodata and use databases of scientific journals and citation manager. They will learn the basic methods of modifying different types of data in order to prepare them for integration into GIS. They will get acquainted with the license conditions of the used software within the department. Gain advanced knowledge of using Office. Competences: The student will acquire basic competencies in the field of ICT needed for the study of geography. The result is the student's ability to manage the study fluently and smoothly in terms of ICT literacy. The student is able to independently use ICT tools.	
Brief outline of the course: Important and useful information regarding the study, standards and services provided by the university for students (WiFi, information retrieval, websites, citation manager - CitacePro) operating systems, data types, file types, software used. Work with statistical data, DataCube, SO SR, Soil portal, ŠGÚDŠ, Geoenviroportal, Geoportal and similar web applications. Explanation of the essence of vector and raster graphics, graphic formats and their use. Work with spreadsheet and databases (formulas, contingency tables and graphs), advanced work and formatting in MS Word. Using MS PowerPoint to create presentations and posters.	
Recommended literature: KAŇUK, J., 2015. Priestorové analýzy a modelovanie. Vysokoškolské učebné texty. Prírodovedecká fakulta Univerzity Pavla Jozefa Šafárika v Košiciach. 114 s.	

ŽITNIAK, J., 2017. Microsoft Office 2016. Podrobná uživatelská příručka. Computer Press. 464 s.
 KLATKOVSKÝ, K., 2016. Word 2016 nejen pro školy. Computer Media. 124 s.
 KLATKOVSKÝ, K., 2016. Powerpoint 2016 nejen pro školy. Computer Media. 80 s.
 LAURENČÍK, M., 2019. Excel 2016 a 2019 - pokročilé nástroje, Grada, 256 s.

Course language:

Notes:

Course assessment

Total number of assessed students: 172

A	B	C	D	E	FX
58.14	23.84	11.63	3.49	1.16	1.74

Provides: Mgr. Petra Dávidová

Date of last modification: 27.06.2022

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ EKG/21		Course name: Economic geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 110					
A	B	C	D	E	FX
12.73	12.73	21.82	23.64	25.45	3.64
Provides: Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD., Mgr. Nikola Svetozarov					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJ4/07	Course name: English Language of Natural Science
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most Continuous assessment: 1 credit test taken presumably in weeks 6/7 1 project (quiz on the topic of the student's field of study) 25% of the continuous assessment 5 LMS quizzes (25% of the continuous assessment) In order to be admitted to the final exam, a student has to score at least 65 % from the continuous assessment The exam test results represent 50% of the final grade for the course, continuous assessment results represent the other 50% of the final grade. The final grade for the course will be calculated as follows: A 93-100, B 86-92, C 79-85, D 72-78, E 65-71, FX 64 and less.	
Learning outcomes: Enhancement of students' language skills (speaking, writing, reading and listening comprehension) in English for specific and academic purposes and development of students' linguistic competence. Students obtain knowledge of selected phonological, lexical and syntactic aspects of professional English, improve their pragmatic competence - students can effectively use the language for a given purpose, and acquire presentation skills at B2 level (CEFR) with focus on terminology of natural sciences.	
Brief outline of the course: 1. Introduction to studying language 2. Selected aspects of scientific language 3. Talking about academic study 4. Discussing science 5. Defining scientific terminology and concepts 6. Expressing cause and effect 7. Describing structures 8. Explaining processes 9. Comparing objects, structures and concepts	

10. Talking about problem and solution 11. Referencing authors 12. Giving examples 13. Visual aids and numbers 14. Referencing time and place Presentation topics related to students' study fields.					
Recommended literature: lms.upjs.sk - e-kurz Odborný anglický jazyk pre prírodné vedy. Redman, S.: English Vocabulary in Use, Pre-intermediate, Intermediate. Cambridge University Press, 2003. Armer, T.: Cambridge English for Scientists. CUP, 2011. Wharton J.: Academic Encounters. The Natural World. CUP, 2009. P. Fitzgerald : English for ICT studies. Garnet Publishing, 2011. https://worldservice/learningenglish , https://spectator.sme.sk www.isllibrary.com linguahouse.com					
Course language: English, level B2 (CEFR)					
Notes:					
Course assessment Total number of assessed students: 3246					
A	B	C	D	E	FX
38.63	26.31	16.3	9.52	7.18	2.06
Provides: Mgr. Viktória Mária Slovenská					
Date of last modification: 06.02.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ENG1/21		Course name: Environmental Geology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 12					
A	B	C	D	E	FX
8.33	41.67	41.67	8.33	0.0	0.0
Provides: doc. Ing. Katarína Bónová, PhD., Mgr. Imrich Sládek, PhD.					
Date of last modification: 08.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/HYP/15		Course name: Fieldwork in Hydrology			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 80					
A	B	C	D	E	FX
93.75	5.0	0.0	1.25	0.0	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Jozef Šupinský, PhD.					
Date of last modification: 13.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GEP2/18		Course name: Fundamentals of Geology for Geographers			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: Courses have following objectives: firstly, to introduce the current theories of processes which occur in the Earth (global tectonics, species of magmatism), secondly, to describe the rock-forming minerals, taxology of intrusive rocks, taxology of sedimentary rocks and rocks which had overcome metamorphosis, basics of the regional geology of Slovakia, basics of the historical geology and paleontology.					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1246					
A	B	C	D	E	FX
7.62	18.3	32.42	25.92	9.79	5.94
Provides: doc. Ing. Katarína Bónová, PhD., Mgr. Anton Uhrin					
Date of last modification: 30.09.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GIS/15	Course name: Geographic Information Systems
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: The assessment is a combination of continual control during the practicals and the final exam in the examination period. The continual assessment is performed during the semester and it involves 2 written tests in the mid-term and end of the semester and a project report generated according to the assignment and practical skills acquired during the practicals. The student can proceed to the final exam in case he or she acquired at least 50 points of 100 in all elements of the the continual assessment. The final assessment mark is based on the average number points received in the mid-term test, project report, practicals assessment, and final exam. The final exam is a written test comprising 3-4 questions. The credits are given in case the student had reached at least the E mark in continual assessment and final exam. The following marking scheme is applied in the assessment: A (100-90 points), B (80-89 points), C (70-79 points), D (60-69 points), E (50-59 points), FX (0-49 points).	
Learning outcomes: The students gain knowledge on the intermediate levele in the theory of geoinformation science, GIS, and Remote Sensing, GIS data models, methods of data processing and spatial analysis. They gain practical skills in processing of geographic data, management, analysis, and visualisation of the geographic data in a GIS project. Students acquire competence in defining a GIS project, suitable data models, methods of data acquisition, data processing, analysis and visualisation, presentation skills and skills in team work.	
Brief outline of the course: The course is focused on the following topics: geoinformatics as a scientific discipline, components of geographic information system, digital landscape representation and data models, GIS standards for coordinate systems and transformations, collection of geographic data for GIS (GNSS, photogrammetry, multispectral satellite imagery, lidar, radar) , data management in GIS, attribute and spatial demands, layer overlap, map algebra, spatial prediction, quality and uncertainty of geographic data, GIS web solutions, legislative aspects in GIS, GIS applications in practice. Exercises are focused on working in ArcGIS Pro: basic and advanced vectorization, data organization in the geodatabase, import / export of various data formats to GIS, creation of color compositions from satellite images, mapping, 3D visualization and animation of geographic data, geoprocessing, map algebra, spatial and attribute demands, spatial prediction, analysis of digital	

elevation models (DEM). Students learn the topics of the semester project in the middle of the semester and solve the assigned task in the team using the skills and knowledge acquired during the semester.					
Recommended literature:					
Course language: Slovak or Czech or English					
Notes:					
Course assessment Total number of assessed students: 414					
A	B	C	D	E	FX
27.54	27.05	27.29	12.8	5.31	0.0
Provides: doc. Mgr. Michal Gallay, PhD., Mgr. Michaela Nováková, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GEO1/15		Course name: Geography			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 91					
A	B	C	D	E	FX
14.29	21.98	26.37	19.78	16.48	1.1
Provides:					
Date of last modification: 26.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GNB/21		Course name: Geography of Religion			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
17.86	14.29	32.14	25.0	10.71	0.0
Provides: doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GPOL/21		Course name: Geography of agriculture and industry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 19					
A	B	C	D	E	FX
31.58	15.79	26.32	10.53	15.79	0.0
Provides: Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 14.02.2023					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ MOG/24		Course name: Geography of mining			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. Ing. Katarína Bónová, PhD., Mgr. Imrich Sládek, PhD.					
Date of last modification: 05.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GST/21		Course name: Geography of services and tourism			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 20					
A	B	C	D	E	FX
20.0	25.0	30.0	20.0	5.0	0.0
Provides: Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD., doc. Mgr. Michal Gallay, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GCR1/21		Course name: Geography of the Czech Republic			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 16					
A	B	C	D	E	FX
25.0	12.5	43.75	12.5	6.25	0.0
Provides: Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD., Mgr. Imrich Sládek, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GAH/21		Course name: Geography of the atmosphere and hydrosphere			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 107					
A	B	C	D	E	FX
8.41	21.5	33.64	30.84	5.61	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Tomáš Fedor, Mgr. Jozef Šupinský, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GPED/21		Course name: Geography of the pedosphere and biosphere			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 75					
A	B	C	D	E	FX
0.0	5.33	14.67	33.33	28.0	18.67
Provides: doc. Mgr. Michal Gallay, PhD., RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Anton Uhrin, Mgr. Jozef Šupinský, PhD.					
Date of last modification: 07.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SGI2/21	Course name: Geoinformatics seminar
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 13	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD., Mgr. Katarína Onačillová, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GEX2/21	Course name: Geological excursion
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 3d Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 94	
abs	n
100.0	0.0
Provides: doc. Ing. Katarína Bónová, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

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: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 12					
A	B	C	D	E	FX
0.0	0.0	91.67	0.0	8.33	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Jozef Šupinský, PhD.					
Date of last modification: 07.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GEM2/18		Course name: Geomorphology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1374					
A	B	C	D	E	FX
10.48	20.74	21.25	17.25	19.51	10.77
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Imrich Sládek, PhD., doc. Ing. Katarína Bónová, PhD.					
Date of last modification: 07.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ MZGD/21	Course name: Geospatial data collection methods
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion: The evaluation is based on a combination of continuous control at the lecture, submitted protocols from field measurements at the exercises and the final exam. Lectures are realized in the form of regular teaching, where students get acquainted with theoretical-methodological and mathematical aspects of selected methods for the collection of geospatial data. Continuous assessment at the lecture with a weight of 10% is focused on the student's readiness to argue professionally and explain the principles of operation of the explained methods, as well as to formulate questions and answers. Exercises are carried out in a combined form of regular and block teaching at a mutually agreed date. The validity of block teaching is related to the implementation of field exercises, as field measurements require a longer time to deploy the measurement technique and the actual implementation of the measurement. Data processing from field measurements will be realized at the following exercise. The result of field measurements is a protocol from field measurements. Protocols from field measurements represent a weight of 40% in the final evaluation. A student who has obtained an evaluation at least at the level of grade E and submitted all required protocols from field measurements, from which he / she obtained an evaluation at least at the level of grade E, can apply for the exam. and tests (50%). The exam takes the form of a test and an oral exam that demonstrates his expertise. Credits will only be awarded to a student who achieves a grade of at least E in each part of the assessment. Assessment scale: A (100-91%), B (81-90%), C (71-80%), D (61- 70%), E (51-60%).	
Learning outcomes: Knowledge: The student will gain knowledge of the basic principles of ground geodetic measurements and digital processing of geodata in order to create topographic maps. Gains an overview of methods for measuring lengths, angles and heights in the field, determining the relative position of points on the calculation and display area and placement in coordinate systems. They will get acquainted with the possibilities of determining areas and volumes and plotting the measured data using a geographic information system. Skills: The student will learn to obtain geospatial data using ground measurements, can locate them in different coordinate systems and represent them using GIS. Can evaluate the quality of data and determine the optimal procedure for the collection and primary processing of geospatial data. Competences: The student is able to analyze with a high degree of independence the possibilities for the collection and processing of geospatial data and to propose a procedure for obtaining location	

information about landscape objects. He will get acquainted with basic professional terminology in the field of geodesy, which will enable him to communicate and collaborate with other experts in the field of geospatial data collection and processing.

Brief outline of the course:

Lectures: Units of measure - length measures, angular measures; Coordinate systems; Angle measurement; Length measurement; Position of points; Height measurement; Map materials for field measurements; Detailed measurement methods; Field measurement documentation; Determination of areas and volumes.

Exercises: Aids for measuring vertical and horizontal direction, geodetic instruments and their description, preparation for measurement, methods for measuring horizontal and vertical angles, measurement with magnetic instruments; Direct length measurement, electronic rangefinders; trigonometric methods of determining the position of points, determining the coordinates of points by polygons; leveling devices and aids, geometric leveling, trigonometric cant measurement; selected elements and methods of positional and height delineation

Recommended literature:

HOFIERKA, J., KAŇUK, J., GALLAY, M., 2014. Geoinformatika. Univerzita Pavla Jozefa Šafárika v Košiciach, 192 s.

BITTERER, L., 2003. Geodézia. Žilinská univerzita v Žiline, Stavebná fakulta, 359 s.

KOPÁČIK, A. et al. (2016). Geodézia v priemysle. Slovenská technická univerzita v Bratislave, 207 s.

Course language:

Notes:

Course assessment

Total number of assessed students: 34

A	B	C	D	E	FX
14.71	11.76	26.47	29.41	17.65	0.0

Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Ján Šašák, PhD.

Date of last modification: 23.11.2021

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ EXH/25		Course name: Human Geography Excursion			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6d Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 26.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ HGS1/21		Course name: Human Geography of Slovakia			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 71					
A	B	C	D	E	FX
2.82	15.49	22.54	26.76	29.58	2.82
Provides: RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka, Mgr. Marián Kulla, PhD., doc. Mgr. Ladislav Novotný, PhD., Mgr. Daniela Buchalová					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ ZEX1/21	Course name: International Excursion 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 10d Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 33	
abs	n
96.97	3.03
Provides: doc. Mgr. Ladislav Novotný, PhD., Mgr. Marián Kulla, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: Dek. PF UPJŠ/USPV/13	Course name: Introduction to Study of Sciences
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 12s / 3d Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 2369	
abs	n
90.12	9.88
Provides: doc. RNDr. Marián Kireš, PhD.	
Date of last modification: 30.08.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/LOS/18		Course name: Linux and open source GIS			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 82					
A	B	C	D	E	FX
62.2	34.15	3.66	0.0	0.0	0.0
Provides: Mgr. Michaela Nováková, PhD., prof. Mgr. Jaroslav Hofierka, PhD.					
Date of last modification: 30.09.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ MTG/13	Course name: Mathematics for geographers
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Conditions for continuous evaluation: 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Activity. 3. Homework and written tests. Conditions for the final evaluation: Final written test and oral exam. Conditions for successful completion of the course: 1. Participation in teaching in accordance with the study regulations and according to the instructions of the teacher; 2. Credits will be awarded to a student who obtains at least 50% of the continuous assessment and at least 50% of the points in the final written test and oral examination. To obtain an A rating it is necessary to obtain at least 90% of points, to obtain a B rating at least 80%, to obtain a C rating at least 70%, to obtain a D rating at least 60%, to obtain an E rating at least 50% points.	
Learning outcomes: Students will be familiar with the basic concepts, knowledge and procedures from higher mathematics and will be able to use them when solving mathematical problems with the context from natural sciences mainly from geography. Student acquire knowledge that will enable him/her to understand based on literature and sources mathematical modelling of some processes in geography.	
Brief outline of the course: 1. Basic concepts (percentages, intervals, absolute value, power, polynomial, sum Σ) 2. Geometry in the plane (vector, line in the plane and its analytical expression) 3. Functions (properties of function, composite function, inverse function, elementary functions and their properties) 4. Differentiation, derivative of functions, derivatives of elementary functions , derivative of the sum and product of functions, derivative of a composite function, applications) 5. Integral (definite integral, applications of integration) 6. Functions of 2 variables	
Recommended literature:	

Fleurant, C., Bodin-Fleurant, S.: Mathematics for Earth Science and Geography. Springer. 2019 (in english)
 Hughes-Hallett, D. et al.: Applied Calculus. John Wiley & Sons, Inc. 2010 (in english)
 Kotvalt, V.: Základy matematiky pro přírodovědné obory. Karolinum, 2008. (in czech)
 Štědrý, M.: Sbíрка úloh k matematice pro geografii. Karolinum, 2006. (in czech)

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 140

A	B	C	D	E	FX
10.0	8.57	12.14	23.57	42.86	2.86

Provides: doc. RNDr. Ingrid Semanišinová, PhD., RNDr. Matej Slabý, PhD.

Date of last modification: 14.04.2022

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ MPG/21		Course name: Metageography and planetary geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 171					
A	B	C	D	E	FX
46.78	42.69	8.19	0.58	0.0	1.75
Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Katarína Onáčillová, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/HGV/21		Course name: Methods of human geographical research			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 15					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Marián Kulla, PhD., RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka, doc. Mgr. Ladislav Novotný, PhD., Mgr. Loránt Pregi, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/FGV/21		Course name: Methods of physical geographical research			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 25					
A	B	C	D	E	FX
68.0	16.0	16.0	0.0	0.0	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, doc. Ing. Katarína Bónová, PhD., Mgr. Imrich Sládek, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/MTK/21	Course name: Methods of thematic cartography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion: The evaluation is based on the submitted assignments from the exercises. Exercises are realized in the form of regular teaching, the introduction of the exercise is devoted to the theoretical basis, followed by the practical part of the exercise, which aims to work with spatial data in order to create a thematic map. During the semester, students will receive assignments aimed at creating a thematic map using selected methods of thematic cartography. Students submit assignments on an ongoing basis. Each assignment is evaluated separately. In order for the assignment to be accepted, it is necessary to obtain a minimum grade E from each assignment. The final evaluation is the average of the evaluation of individual assignments. Credits will be awarded only to a student who achieves a grade of at least E in the overall evaluation. Rating scale: A (100-91%), B (81-90%), C (71-80%), D (61-70 %), E (51-60%).	
Learning outcomes: Knowledge: The student will gain knowledge and skills from thematic cartography. They will get acquainted with the theoretical aspects of the content and principles of creating thematic maps. He will gain theoretical foundations and an overview of various aspects of thematic cartography, such as color theory in cartography, types of scales and division of the statistical file into intervals. They will get acquainted with the means of expression cartographic and methods of thematic cartography and gain an overview of the use of dynamic elements of cartographic visualization. Skills: The student will learn to create thematic maps using GIS professionally and cartographically correctly. Can evaluate the suitability of the cartographic method for the representation of various geographical phenomena and determine the optimal procedure for creating thematic maps. Competences: The student is able to evaluate the thematic maps and the suitability of the methods of thematic cartography with a high degree of independence. He will get acquainted with professional terminology in the field of thematic cartography of geodesy, which will enable him to communicate and collaborate with other experts in the field of geodesy, geoinformatics and cartography.	
Brief outline of the course: Exercises: Introduction to thematic cartography (content and types of thematic maps, phases and principles of creating thematic maps, compiling the content of the thematic map); Means of expression; Colors in maps; Scales (data evaluation, division of scales, creation of interval and	

functional scales, methods for plotting extremes in a statistical file); Legend of thematic maps; Point character method; Line character method; Area character method; Comma method; Isolinia method; Cartographs and cartograms method; Cartographic anamorphosis and cartotypogram method; methods for expressing the dynamics of spatial phenomena; Description in maps; composition of thematic maps; Geospatial data topology control and map generalization. Evaluation of maps and atlases; Animations, interactive maps and virtual reality in cartography.

Recommended literature:

VOŽENÍLEK, V. (2005). Cartography for GIS: geovisualization and map communication. Olomouc, Vydavatelství UP.

KRAAK, M.J., ORMELING, F. (2003). Cartography. Visualization of Geospatial Data. Harlow. Prentice Hall, Pearson Education.

PETERSON, M. P. ET AL. (1995). Interactive and Animated Cartography. Upper Saddle River Prentice Hall.

VOŽENÍLEK, V., KAŇOK, J. A KOL. (2012). Metody tematické kartografie: vizualizace prostorových informací. Olomouc, Univerzita Palackého v Olomouci.

SLOCUM, T.A. ET AL. (2002). Thematic Cartography and Visualization. Upper Saddle River, Pearson/Prentice Hall.

Course language:

Notes:

Course assessment

Total number of assessed students: 28

A	B	C	D	E	FX
42.86	42.86	10.71	0.0	0.0	3.57

Provides: Mgr. Jozef Šupinský, PhD., Mgr. Loránt Pregi, PhD.

Date of last modification: 27.06.2022

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ MKR/21		Course name: Microgeography			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 25					
A	B	C	D	E	FX
60.0	40.0	0.0	0.0	0.0	0.0
Provides: Mgr. Imrich Sládek, PhD., doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 05.09.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ NSGE/15		Course name: Mineral Resources - geological and environmental relations			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 158					
A	B	C	D	E	FX
40.51	24.68	22.15	9.49	0.63	2.53
Provides: doc. Ing. Katarína Bónová, PhD.					
Date of last modification: 30.09.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ OCHP/21		Course name: Nature protection and care for the environment			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 20					
A	B	C	D	E	FX
10.0	25.0	40.0	25.0	0.0	0.0
Provides: doc. Ing. Katarína Bónová, PhD., RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Imrich Sládek, PhD., Mgr. Anton Uhrin					
Date of last modification: 23.09.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ EXF/21	Course name: Physical Geography Excursion
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6d Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 43	
abs	n
100.0	0.0
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Imrich Sládek, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/FGS1/21		Course name: Physical Geography of Slovakia			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 76					
A	B	C	D	E	FX
13.16	26.32	28.95	11.84	7.89	11.84
Provides: RNDr. Alena Gessert, PhD., univerzitná docentka, doc. Ing. Katarína Bónová, PhD., Mgr. Imrich Sládek, PhD., Mgr. Jozef Šupinský, PhD.					
Date of last modification: 14.02.2023					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ POL2/21		Course name: Political geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 16					
A	B	C	D	E	FX
18.75	37.5	37.5	6.25	0.0	0.0
Provides: RNDr. Stela Csachová, PhD., doc. Mgr. Ladislav Novotný, PhD.					
Date of last modification: 27.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GOBY/21		Course name: Population Geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 123					
A	B	C	D	E	FX
7.32	4.88	25.2	34.96	21.95	5.69
Provides: doc. Mgr. Ladislav Novotný, PhD., RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka					
Date of last modification: 19.02.2024					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ RGE2/21		Course name: Regional Geography of Europe			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 43					
A	B	C	D	E	FX
6.98	18.6	32.56	37.21	0.0	4.65
Provides: RNDr. Stela Csachová, PhD., RNDr. Alena Gessert, PhD., univerzitná docentka, doc. Mgr. Ladislav Novotný, PhD., Mgr. Marián Kulla, PhD., Mgr. Imrich Sládek, PhD.					
Date of last modification: 07.02.2025					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ADPZ/22		Course name: Remote sensing applications			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 16					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Katarína Onáčillová, PhD., Mgr. Ján Šášak, PhD.					
Date of last modification: 20.06.2022					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ SHG/21	Course name: Seminar of human geography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 10	
abs	n
90.0	10.0
Provides: Mgr. Marián Kulla, PhD., RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka, doc. Mgr. Ladislav Novotný, PhD., Mgr. Loránt Pregi, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SFG/21	Course name: Seminar of physical geography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 5	
abs	n
100.0	0.0
Provides: doc. Ing. Katarína Bónová, PhD., RNDr. Alena Gessert, PhD., univerzitná docentka, Mgr. Imrich Sládek, PhD., Mgr. Jozef Šupinský, PhD.	
Date of last modification: 27.06.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ SGE/08	Course name: Social geography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 5.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Participation in exercises, presentation of seminar topics (1 or 2 topics for student during the semester) and a group discussion, successful graduation the final test. Credits will not be awarded to students, who will not have successfully processed and presented the given topic and will not be actively participate in discussions and does not pass the final test min. to 60%.	
Learning outcomes: Students know how to verbally express and critical thinking to social issues, social inequality - its origin, spatial distribution.	
Brief outline of the course: Social geography is a scientific discipline that examines the company geographically. We will be solve social problems which related to geography - Urban social geography and urban lifestyle factors, racism, ethnicity, major and minor company, congregation and segregation in cities, social inequality and place.	
Recommended literature: DŽAMBAZOVIČ, R. 2007: Chudoba a jej dimenzie na Slovensku. Bratislava, Univerzita Komenského, 232 s. GAJDOŠ, P. 2002: Mesto a jeho vývoj v sociálno-priestorových a civilizačných súvislostiach. Sociológia, 34, 4, 305-326. KOLLÁR, D. 1992: Sociálna geografia a problematika výskumu priestorového správania človeka. Geografický časopis 44, 2, 149-173. MATLOVIČ, R. 1996: Sociálno-ekologická orientácia geografického bádania intraurbánných štruktúr a jej slovenské reflexie. Geografický časopis, 48, 3-4, 271-284. ROCHOVSKÁ, A., HORŇÁK, M. 2008: Chudoba a jej percepcia v marginálnych regiónoch Slovenska. < http://geografia.science.upjs.sk/images/geographia_cassoviensis/articles/GC-2008-2-1/Rochovska_Hornak.pdf > SIROVÁTKA, T., ed. 2004: Sociální exkluze a sociální inkluze menšin a marginalizovaných skupin. Brno, Masarykova univerzita, Fakulta sociálních studií, nakladatelství Georgetown, 237 s.	

Course language: Slovak, English					
Notes:					
Course assessment Total number of assessed students: 166					
A	B	C	D	E	FX
40.96	21.08	12.65	12.05	12.05	1.2
Provides: RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka					
Date of last modification: 30.09.2021					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVa/11	Course name: Sports Activities I.
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I., II., P	
Prerequisites:	
Conditions for course completion: Min. 80% of active participation in classes.	
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.	
Recommended literature: BENEC, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252. JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308. KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027. KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.	

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
 VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 15781

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.74	0.06	0.0	0.0	0.0	0.04	9.0	5.15

Provides: Mgr. Patrik Berta, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Marcel Čurgali, Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVb/11	Course name: Sports Activities II.
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: I., II., P	
Prerequisites:	
Conditions for course completion: active participation in classes - min. 80%.	
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.	
Recommended literature: BENEC, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252. JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308. KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027. KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.	

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
 VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 13802

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
83.85	0.49	0.01	0.0	0.0	0.04	11.17	4.43

Provides: Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVc/11	Course name: Sports Activities III.
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: min. 80% of active participation in classes	
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.	
Recommended literature: BENČE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252. JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308. KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027. KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.	

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
 VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 9334

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
87.96	0.06	0.01	0.0	0.0	0.02	4.92	7.03

Provides: Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVd/11	Course name: Sports Activities IV.
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: min. 80% of active participation in classes	
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.	
Recommended literature: BENCE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252. JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308. KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027. KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.	

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
 VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 5846

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
82.54	0.27	0.03	0.0	0.0	0.0	8.24	8.91

Provides: Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: prof. Mgr. Jaroslav Hofierka, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ STMG/21		Course name: Statistical Methods in Geography			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 118					
A	B	C	D	E	FX
27.97	20.34	16.95	15.25	19.49	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., RNDr. Janetta Nestorová-Dická, PhD., univerzitná docentka					
Date of last modification: 12.02.2023					
Approved: prof. Mgr. Jaroslav Hofierka, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SVGG/15	Course name: Student Scientific Conference in Geography and Geoinformatics
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course:	
Course level: I., II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 18	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.12.2021	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ LKSp/13	Course name: Summer Course-Rafting of TISA River
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II., P	
Prerequisites:	
Conditions for course completion: Completion: passed Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - effective performance of all tasks: carrying a canoe, entering and exiting a canoe, righting a canoe, paddling	
Learning outcomes: Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students are able to meet the performance standard and: - implement the acquired knowledge in different situations and practice, - implement basic skills to manipulate a canoe on a waterway, - determine the right spot for camping, - prepare a suitable material and equipment for camping.	
Brief outline of the course: Brief outline of the course: 1. Assessment of difficulty of waterways 2. Safety rules for rafting 3. Setting up a crew 4. Practical skills training using an empty canoe 5. Canoe lifting and carrying 6. Putting the canoe in the water without a shore contact 7. Getting in the canoe 8. Exiting the canoe 9. Taking the canoe out of the water 10. Steering a) The pry stroke (on fast waterways) b) The draw stroke	

11. Capsizing 12. Commands	
Recommended literature: 1. JUNGER, J. et al. Turistika a športy v prírode. Prešov: FHPV PU v Prešove. 2002. ISBN 8080680973. Internetové zdroje: 1. STEJSKAL, T. Vodná turistika. Prešov: PU v Prešove. 1999. Dostupné na: https://ulozto.sk/tamhle/UkyxQ2lYF8qh/name/Nahrane-7-5-2021-v-14-46-39#!ZGDjBGR2AQtkAzVkAzLkLJWuLwWxZ2ukBRLjnGqSomICMmOyZN==	
Course language: Slovak language	
Notes:	
Course assessment Total number of assessed students: 232	
abs	n
36.64	63.36
Provides: Mgr. Dávid Kaško, PhD.	
Date of last modification: 29.03.2022	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ KP/12	Course name: Survival Course
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II., P	
Prerequisites:	
Conditions for course completion: Completion: passed Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines, - effective performance of all the tasks defined in the course syllabus	
Learning outcomes: Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students are able to meet the performance standard and should: - acquire knowledge about safe stay and movement in natural environment, - obtain theoretical knowledge and practical skills to solve extraordinary and demanding situations connected with survival and minimization of damage to health, - be able to resist and face situations related to overcoming barriers and obstacles in natural environment, - be able implement the acquired knowledge as an instructor during summer sport camps for children and youth within recreational sport.	
Brief outline of the course: Brief outline of the course: 1. Principles of conduct and safety in the movement in unfamiliar natural environment 2. Preparation and guidance of a hike tour 3. Objective and subjective danger in the mountains 4. Principles of hygiene and prevention of damage to health in extreme conditions 5. Fire building 6. Movement in the unfamiliar terrain, orientation and navigation 7. Shelters 8. Food preparation and water filtering 9. Rappelling, Tyrolian traverse 10. Transport of an injured person, first aid	

Recommended literature:	
1. JUNGER, J. et al. Turistika a športy v prírode. Prešov: Fakulta humanitných a prírodných vied PU v Prešove. 2002. 267s. ISBN 80-8068-097-3.	
2. PAVLÍČEK, J. Člověk v drsné přírodě. 3. vyd. Praha: Práh. 2002. ISBN 8072520598.	
3. WISEMAN, J. SAS: příručka jak přežít. Praha: Svojtka & Co. 2004. 566s. ISBN 8072372807.	
Course language: Slovak language	
Notes:	
Course assessment Total number of assessed students: 461	
abs	n
46.2	53.8
Provides: Mgr. Ladislav Kručanica, PhD.	
Date of last modification: 16.05.2023	
Approved: prof. Mgr. Jaroslav Hofierka, PhD.	