University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Science					
Course ID: ÚB AFV/15	EV/ Course na	ame: Activating f	orms of biolog	y teaching		
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 cree	dits: 2					
Recommended	semester/trimes	ster of the course	e: 3.			
Course level: I	•					
Prerequisities:	ÚBEV/DIB1/03					
Conditions for Colloquium - p	course completi	on: ninar work.				
Learning outco Extension skills	mes: s of new teaching	methods and sel	ected practical	activities.		
based science e educational tec biology. Project work.	ducation). New a hnologies suppo	approaches to form rting IBSE. Diffe d cooperative met	mative and sun erent ways of hods for biolog	mative assessmer working with tex gy lessons. Present	t in IBSE. New t when learning ation of seminar	
Recommended literature: Kimáková, K.: Úvod do štúdia didaktiky biológie, elektronický študijný text, 2008 Kimáková, K., Švecová, M.: Teorie a praxe zařazení školních projektů ve výuce přírodopisu a biologie, Karolinum Praha 2001 Hudáková, A., Kimáková, K.: Demonštračné pokusy a pozorovania z biológie rastlín, UPJŠ Košice 2005 Periodical publications for teaching biology. Internal materials and methodics on Moodle: https://lms.upjs.sk/login/index.php. Existing curriculum standards and biology textbooks for elementary and secondary schools Existing curriculum						
Course languag	ge:					
Course assessment Total number of assessed students: 10						
А	В	С	D	Е	FX	
50.0	20.0	30.0	0.0	0.0	0.0	
Provides: PaedDr. Andrea Lešková, PhD., Mgr. Zuzana Boberová, PhD.						
Date of last mo	dification: 23.02	2.2018				
Approved: Gua CSc.Guaranteec	Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Šafá	rik University in Košice					
Faculty: Faculty of Science						
Course ID: ÚMV/ AIM/10	Course name: Application of ICT into mathematics teaching					
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent					
Number of credits: 2						
Recommended seme	ster/trimester of the course: 3.					
Course level: II.						
Prerequisities: ÚMV	/DDMa/14					
Conditions for cours two tests elaborated of final project	e completion: on the computer, solving problems from worksheets					
Learning outcomes: To learn students star systems and to provid in mathematics teach and modelling in the and evaluation abiliti meaningful use of mo	idard work procedures with the basic types of mathematical softvare de examples and ideas on the possibility of using these software systems ing. To develop the knowledge and skills of students to use investigation digital environment for mathematical problems solving. Develop creative es of students allow to prepare mathematics lessons with effective and odern technologies.					
Brief outline of the c Possibilities of using Use of dynamic geor implementation of co and solving of proble knowledge in mathem	ourse: numerical and graphical tools of spreadsheet to solve mathematical problems. metry systems in solving geometry problems, examples of their use in the onstructivist approaches to mathematics teaching. Mathematical modelling ems in a CAS environment. The use of modern IT for active acquisition of natics teaching.					
Recommended litera M. Černochová et al. S. Lukáč: Multimédia J. Vaníček: Počítačov 2009. Journals MFI, MIF a	ture: : Využití počítače při vyučování, Portál, 1998. á a počítačom podporované učenie sa v matematike, PF UPJŠ Košice 2001. vé kognitivní technologie ve výuce geometrie. Univerzita Karlova v Praze, Obzory matematiky, fyziky a informatiky.					
Course language: Slovak						
Course assessment Total number of asses	ssed students: 203					

	r	r	r	r	1
А	В	С	D	Е	FX
40.39	29.06	14.29	9.85	6.4	0.0

Provides: doc. RNDr. Stanislav Lukáč, PhD.

Date of last modification: 27.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J.	Safárik Univers	ity in Košice				
Faculty: Faculty	y of Science					
Course ID: ÚM ATA/14	Course ID: ÚMV/ Course name: Algebra and theoretical arithmetic ATA/14					
Course type, sc Course type: I Recommended Per week: 3 / 1 Course method	ope and the me Lecture / Practice I course-load (h Per study peri d: present lits: 4	thod: ours): od: 42 / 14				
Recommended	semester/trimes	ster of the course	e: 3.			
Course level: II	•					
Prerequisities:						
Conditions for It is based on th	course completi e results of writt	on: en and oral exam				
Learning outco Obtain knowled and the orderigs	mes: ge about sets N, s on them.	Z, Q and R, abou	t their axiomat	ic building-up, the	operations	
Brief outline of Sets of numbers	the course: N, Z, Q a R, the	eir axiomatical bu	ilding, operatio	ons and ordering.		
 Recommended literature: J. Blažek a kol.: Algebra a teoretická aritmetika I. díl. SPN, Praha 1983 K. Hruša: Elementární aritmetika. Přírodovědecké vydavatelství, Praha 1953 W. Sierpinski: Arytmetyka teoretyczna. PWN, Varšava 1966 T. Šalát a kol.: Algebra a teoretická aritmetika (2) Alfa Bratislava - SNTL Praha 1986 						
Course languag Slovak	ge:					
Course assessment Total number of assessed students: 55						
А	В	С	D	E	FX	
52.73	23.64	9.09	12.73	1.82	0.0	
Provides: doc. H	Provides: doc. RNDr. Matúš Harminc, CSc.					
Date of last mo	dification: 27.02	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDroc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteej Sc.	prof. RNDr. Jozef	Doboš,	

University: P. J.	. Šafárik Univers	ity in Košice			
Faculty: Faculty	y of Science				
Course ID: ÚB BDB/15	Course ID: ÚBEV/Course name: Biology and Didactics of BiologyBDB/15				
Course type, sc Course type: Recommended Per week: Per Course metho	ope and the met d course-load (h r study period: d: present	thod: ours):			
Number of cred	lits: 1				
Recommended	semester/trimes	ster of the cours	e:		
Course level: II	•				
Prerequisities:	ÚBEV/MKVU/1	5 and ÚBEV/VE	EK1/03 and ÚBE	V/DIB1/03	
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:			_	
Course languag	ge:				
Course assessm Total number of	ent f assessed studen	ts: 67			
А	В	С	D	Е	FX
35.82	38.81	17.91	7.46	0.0	0.0
Provides:					
Date of last mo	Date of last modification: 23.02.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi oc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteepi Sc.	rof. RNDr. Jozef	Doboš,

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	of Science					
Course ID: ÚBEV/ BDB/14Course name: Biology and Didactics of Biology						
Course type, sco Course type: Recommended Per week: Per Course method	ope and the met l course-load (h · study period: d: present	thod: ours):				
Number of cred						
Recommended	semester/trimes	ster of the cours	e:			
Course level: II.						
ÚBEV/ZO1/04 d	or ÚBEV/DIBI/03	and (UBEV/FG) /11 or ÚBEV/BC	1/03 or UBEV/Z 01/03 or ÚBEV/I	OG1/03) and (UB BOT1/03)	SEV/ZOM/04 or	
Conditions for o	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	je:					
Course assessm Total number of	ent assessed studen	ts: 114				
A	В	С	D	E	FX	
21.93	31.58	27.19	14.04	5.26	0.0	
Provides:	Provides:					
Date of last modification: 23.02.2018						
Approved: Guar CSc.Guaranteed	ranteeprof. PhDi oc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	prof. RNDr. Jozef	Doboš,	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Science					
Course ID: ÚM DDMa/14	IV/ Course na	me: Didactics of	fmathematics			
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 cree	lits: 5					
Recommended	semester/trimes	ster of the cours	e: 2.			
Course level: II	•					
Prerequisities:						
Conditions for Continuous ass	course completi essment - 60% of	on: f the total assessm	nent, exam - 40%	6 of the total asse	essment.	
Learning outco Master the basi schools. Gain k	mes: c principles and i nowledge of the	nethods of teach various ways of t	ing of mathemati teaching specific	cs at primary and topics of school	d secondary mathematics.	
Brief outline of the course: Subject of Didactics of Mathematics, the development of mathematics and mathematics education. Aims and objectives of mathematics teaching Planning in mathematics teaching Logical and didactical curriculum analysis Determination of learning objectives Didactical principles, methods of mathematics teaching Assessment of learning outcomes, the creation of didactic tests Mathematical problems Construction numeric fields, Theory of elementary functions, synthetic and analytic geometry Recommended literature: [11] M Heiný a kol : Teorie yyučovania matematiky, SPN Blava 1989, (in slovak)						
 [2] L.Frantíková,K.Hončarivová,O.Kopanev: Didaktika matematiky, UPJŠ 1982 (in slovak) [3] R.Fischer,G.Malle: Človek a matematika, SPN Bratislava 1992 (in slovak) [4] Polya, G.: How to solve it, Princeton University Press, 1957. [5] Hejný, M., Kuřina, F.: Dítě, škola a matematika: Konstruktivistické přístupy k vyučování. Portál, Praha 2001. (in czech) 						
Course language: Slovak						
Course assessm Total number of	tent f assessed studen	ts: 120				
A	В	С	D	Е	FX	
37.5	38.33	15.83	5.83	2.5	0.0	

Provides: doc. RNDr. Dušan Šveda, CSc.

Date of last modification: 27.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of S	cience
Course ID: ÚMV/ DDMb/14	Course name: Didactics of mathematics
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent
Number of credits: 4	
Recommended seme	ster/trimester of the course: 3.
Course level: II.	
Prerequisities: ÚMV	/DDMa/14
Conditions for cours Seminar paper - 40% Written exam - 40% of Homework - 20% of Evaluation A - at leas evaluation B - at leas evaluation C at least evaluationD at least of evaluationE rating of Credits shall not be g	e completion: of the total score. of the total score. the total score. st 90% points, t 80%, 70%, 60%, at least 50% of the points. ranted to a student who receives less than 50% of the points.
Learning outcomes: Students become fam different teaching me potential use of histor educational process, t	tiliar with some mathematical theories of education. They will acquire thods of selected topics of school mathematics. Become familiar with the ry of mathematics in teaching. Students will be prepared to work in the focusing on the creative application of knowledge in mathematics.
Brief outline of the c Student learning proc Language of mathem Using history of math Students' learning dif Teaching mathematic Combinatorics, proba Calculus. Developing mathema Recommended litera [1] M.Hejný a kol.: T [2] Hejný, M., Kuřina Portál, Praha 2001.	ourse: ess. atics, enactive iconic and symbolic representation. hematics in the teaching mathematics. ficulties and their possible causes. al proofs. bility, statistics. tical creativity. Motivation. fure: Yeoria vyučovania matematiky, SPN Blava 1989. a, F.: Dítě, škola a matematika: Konstruktivistické přístupy k vyučování.
[[3] Fischer, R., Malle [4] Učebnice a zbierk	, G.: Clovek a matematika, SPN Bratislava 1992. zy úloh pre stredné a základné školy.

Course language: Slovak						
Course assessment Total number of assessed students: 136						
А	В	С	D	Е	FX	
79.41	15.44	3.68	0.74	0.74	0.0	
Provides: RND	Provides: RNDr. Ingrid Semanišinová, PhD.					
Date of last modification: 27.02.2018						
Approved: Gua CSc.Guaranteed	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Šafa	University: P. J. Šafárik University in Košice					
Faculty: Faculty of S	Faculty: Faculty of Science					
Course ID: ÚMV/ DFR/10	Course name: Differential equations					
Course type, scope a Course type: Lectu Recommended cou Per week: 3 / 1 Per Course method: pr	and the method: re / Practice arse-load (hours): study period: 42 / 14 esent					
Number of credits:	5					
Recommended seme	ester/trimester of the course: 1.					
Course level: I., II.						
Prerequisities:						
Conditions for cour Continuous assessm given by continuous	se completion: ent is taken the form of two tests during the semester. Final evaluation is assessment (40%), written and oral part of the exam (30% and 30%).					
Learning outcomes: Theory of differentia numerous applicatio course is to familiari and their systems, ar We consider them as	Il equations is one of the fundamental areas of mathematical analysis. It has ns in various fields of science and technology. The main objective of this ze students with the basics of the theory of ordinary differential equations ad methods for solving certain types of differential equations and systems. possible mathematical models of real situations.					
Brief outline of the Basic concepts. Ele equations. The existe of the first order, the equations of the n-th differential systems of solutions to Cauc structure of general equations and system Euler differential equ	mentary methods for solving and applications of the first order differential ence and uniqueness of solutions to Cauchy problem for differential equations in the order and for differential systems. The relationship between differential order and systems. Linear differential equations of the n-th order and linear - the local and global theorem on the existence and uniqueness thy problem, basic properties of solutions, fundamental system of solutions, solution, Lagrange method of variation of constants, linear differential ns with constant coefficients. Reduction of the order of differential equations. Elimination method for solving the systems of differential equations.					
Recommended liter 1. L. Kluvánek, I. M 2. J. Eliaš, J. Horvát Slovak). 3. S. J. Farlow: An in Publications, New Y 4. W. Kohler, L. Joh Pearson Education, I 5. M. Tenenbaum: C 6. J. C. Robinson: A Press, Cambridge, 20	ature: išík, M. Švec: Matematika II, SVTL, Bratislava, 1961 (in Slovak). n, J. Kajan: Zbierka úloh z vyššej matematiky 3, Alfa, Bratislava, 1980 (in ntroduction to differential equations and their applications, Dover ork, 2006. nson: Elementary differential equations with boundary value problems, Boston, 2006. rrdinary differential equations, Dover Publications, New York, 1985. n introduction to ordinary differential equations, Cambridge University 004.					

7. J. Polking, A. Boggess, D. Arnold: Differential equations, Prentice Hall (Pearson), Upper Saddle River, 2006.

, ,								
Course language:								
Slovak								
Course assessn	Course assessment							
Total number o	f assessed studen	ts: 442						
А	В	С	D	Е	FX			
17.42	11.99	20.36	17.87	25.79	6.56			
Provides: Mgr.	Jozef Kiseľák, P	hD.						
Date of last modification: 27.02.2018								
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.								

University: P. J.	. Šafárik Univers	ity in Košice					
Faculty: Faculty	y of Science						
Course ID: ÚM DGE/10	IV/ Course na	me: Dynamic ge	eometry				
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 crea	lits: 3						
Recommended	semester/trimes	ster of the cours	e: 3.				
Course level: II	•						
Prerequisities:							
Conditions for test using a com	course completi puter, didactic p	on: roject and final e	exam				
 Learning outcomes: To acquire commands and the concept of dynamic constructions in the program Geogebra and Cabri 3D. To learn to use a dynamic geometry environment for experimentation with geometric objects and their attributes and the investigation of invariant properties of geometric figures and relationships between objects in triangles, quadrilaterals, and conics basic solid figures. Brief outline of the course: Constructions and exploration of the properties of triangles, quadrilaterals, circles, and their use in solving construction tasks. Menelaus' theorem, Ceva's theorem, Varignon's theorem, Ptolemy's theorem, cyclic and tangential quadrilaterals, the centre point of polygons. The use 							
Mathematical m of extremes. The lines and solid support active l	nodeling and expl e cross positions figures. Analysis earning of mathe	oration of function of linear geometres of the possibility matics.	onal dependencies ic shapes in space ities of using dyn	s, solving probler e, cuts of solid fig namic geometry	ns for searching ures, intersetion environment to		
 Recommended literature: 1. Vaníček, J.: Počítačové kognitivní technologie ve výuce geometrie. Univerzita Karlova v Praze, 2009. 2. King, J., Schattschneider, D.: Geometry Turned On! Dynamic Software in Learning, Teaching, and Research. The Mathematical Association of America, 1997. 3. De Villiers, M., D.: Rethinking proof with the Geometer's Sketchpad. Key Curriculum Press, 2003. 							
Course language: Slovak							
Course assessm Total number of	ent f assessed studen	ts: 25					
А	В	С	D	Е	FX		
56.0	32.0	8.0	4.0	0.0	0.0		

Provides: doc. RNDr. Stanislav Lukáč, PhD.

Date of last modification: 27.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J.	. Šafárik Univers	ity in Košice					
Faculty: Faculty	y of Science						
Course ID: ÚB DGO/17	Course ID: ÚBEV/ Course name: Geology and nature protection education OGO/17						
Course type, sc Course type: H Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28					
Number of crea	lits: 2						
Recommended	semester/trimes	ster of the cours	e: 3.				
Course level: II	•						
Prerequisities:	ÚBEV/DIB1/03	and ÚGE/GEB/1	2				
Conditions for	course completi	on:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	ent f assessed studen	ts: 0					
А	В	С	D	Е	FX		
0.0	0.0	0.0	0.0	0.0	0.0		
Provides: Paedl	Dr. Andrea Leško	ová, PhD., RNDr	. Ivana Slepákov	á, PhD.			
Date of last mo	dification: 23.02	2.2018					
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi oc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,		

University: P. J. Safá	rık University in Košice							
Faculty: Faculty of S	Faculty: Faculty of Science							
Course ID: ÚBEV/ DIB1/03	Course name: Didactics of biology							
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 3 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 42 esent							
Number of credits: 6								
Recommended seme	ster/trimester of the course: 2.							
Course level: II.								
Prerequisities: KPPa	PZ/PPgU/15 or KPE/DPP/14 or KPE/PDU/15							
Conditions for cours Continuous assessme Oral exam	e completion: ent of tasks, which students prepared and submitted.							
Learning outcomes: Meet specific subject apply didactic knowl principles of learning	s teaching biology in high school and an elementary school. Learn and edges in the topics of the biology curriculum with respect of psychological Selected biology teaching methods and technologies.							
 Brief outline of the c The aims of biologi Analysis of the curr EUR framework, pl Teaching strategies Concept learning. Problem solving and Inquiry based sciend The importance of r Verification of biologies Educational aspect competences. Teaching aids for biology the sciender of the school garden. History of biology the sciender of the school sciender of the s	ourse: cal education in Slovakia, basic documents. iculum and the formulation of educational objectives. hases of learning. and methods in biology teaching. d higher-order questions. ce education. reflection. ogical knowledge and skills. Assessment and classification. ts of biology teaching, development of critical thinking skills and key cology, the role of ICT.							
Recommended litera Kimáková, K.: Úvod Periodical publication Ims.upjs.sk/login/ind Existing curriculum s Fišer, R.: Učíme deti Gavora, P.: Akí sú mo ISBN 978-80-89132-	do štúdia didaktiky biológie, elektronický študijný text, 2008 ns for teaching biology. Internal study materials in Moodle https:// ex.php standards and biology textbooks for elementary and secondary schools myslet a učit se. Praha: Portál, 2011. 176 s. ISBN 978-80262-0043-7 oji žiaci. (Pedagogická diagnostika žiaka). Nitra: ENIGMA, 2011. 216 s. 91-1							

Karnsová, M.: Jak budovat dobrý vztah mezi učitelem a žákem. Praha: Portál, 1995. 151 s. ISBN 80-7178-032-4

Kotrba, T., Lacina, L.: Praktické využití aktivizačných metod ve výuce. Brno: Společnost pro odbornou literaturu, 2007. 188 s. ISBN 978-80-87029-12-1

Kyriacou, Ch.: Klíčové dovednosti učitele. Praha: Portál, 1996. 153 s. ISBN 80-7178-022-7 Petty, G.: Moderní vyučování. Praha: Portál, 2013. 380 s. ISBN 80-7178-070-7

Silberman, M.: 101 Metod pre aktivní výcvik a vyučování. Praha: Portál, 1997. 312 s. ISBN: 80-7178-124-X

Course language:

Course assessment

Total number of assessed students: 523

А	В	С	D	Е	FX
48.18	29.83	17.59	4.4	0.0	0.0

Provides: doc. RNDr. Katarína Kimáková, CSc., PaedDr. Andrea Lešková, PhD., RNDr. Ivana Slepáková, PhD.

Date of last modification: 23.02.2018

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J.	. Šafárik Univers	ity in Košice					
Faculty: Faculty of Science							
Course ID: ÚB DPOU/14	ourse ID: ÚBEV/ Course name: Diploma Thesis and its Defence POU/14						
Course type, sc Course type: Recommended Per week: Per Course metho	ope and the met l course-load (h r study period: d: present	thod: ours):					
Number of crea	lits: 15						
Recommended	semester/trimes	ster of the cours	e:				
Course level: II							
Prerequisities:	ÚBEV/DPP3/14						
Conditions for	course completi	on:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	ent f assessed studen	ts: 79					
А	В	С	D	Е	FX		
46.84	35.44	12.66	2.53	1.27	1.27		
Provides:							
Date of last mo	dification: 23.02	2.2018					
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi oc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,		

University: P. J. Šafá	rik University in Košice					
Faculty: Faculty of Science						
Course ID: ÚBEV/ DPP1/14	Course name: Diploma	a Project I				
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent					
Number of credits: 1						
Recommended seme	ster/trimester of the co	urse: 1				
Course level: II.						
Prerequisities:						
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Course assessment Total number of asse	ssed students: 79					
	abs	n				
	100.0 0.0					
Provides:						
Date of last modifica	tion: 23.02.2018					
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Oroso NDr. Katarína Kimáková	vá, CSc.Guaranteeprof. RNDr. Jozef Doboš, á, CSc.				

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚBEV/ DPP2/14	Course ID: ÚBEV/ Course name: Diploma Project II DPP2/14						
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent						
Number of credits: 2							
Recommended seme	ster/trimester of the co	urse: 2.					
Course level: II.							
Prerequisities: ÚBEV	//DPP1/14						
Conditions for cours	e completion:						
Learning outcomes:							
Brief outline of the c	ourse:						
Recommended litera	ture:						
Course language:							
Course assessment Total number of asses	ssed students: 78						
	abs	n					
	100.0 0.0						
Provides:		· ·					
Date of last modifica	tion: 23.02.2018						
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosc NDr. Katarína Kimákov	vá, CSc.Guaranteeprof. RNDr. Jozef Doboš, á, CSc.					

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of S	cience						
Course ID: ÚMV/ DPP2a/14	Course ID: ÚMV/ Course name: Diploma Project I PP2a/14						
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent						
Number of credits: 1							
Recommended seme	ster/trimester of the co	urse: 1					
Course level: II.							
Prerequisities:							
Conditions for cours	e completion:						
Learning outcomes:							
Brief outline of the c	ourse:						
Recommended litera	iture:						
Course language: Slovak							
Course assessment Total number of asses	ssed students: 88						
	abs	n					
	100.0 0.0						
Provides: doc. RNDr	. Dušan Šveda, CSc.						
Date of last modifica	tion: 27.02.2018						
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Ol'ga Oroso NDr. Katarína Kimákova	vá, CSc.Guaranteeprof. RNDr. Jozef Doboš, i, CSc.					

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Science						
Course ID: ÚMV/ DPP2b/14	course ID: ÚMV/ PP2b/14Course name: Diploma Project II					
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: sent					
Number of credits: 2						
Recommended seme	ster/trimester of the cours	e: 2.				
Course level: 11.						
Prerequisities: UMV	/DPP2a/14					
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	ture:					
Course language: Slovak						
Course assessment Total number of asses	ssed students: 89					
	abs	n				
	98.88 1.12					
Provides: prof. RND	Provides: prof. RNDr. Jozef Doboš, CSc.					
Date of last modifica	Date of last modification: 27.02.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚMV/ DPP2c/14	Course ID: ÚMV/ OPP2c/14Course name: Diploma Project III						
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: rsent						
Number of credits: 2		2					
Recommended seme	ster/trimester of the cour	se: 3.					
Course level: 11.							
Prerequisities: UMV	/DPP2b/14						
Conditions for cours	e completion:						
Learning outcomes:							
Brief outline of the c	ourse:						
Recommended litera	ture:						
Course language: Slovak							
Course assessment Total number of asses	ssed students: 72						
	abs	n					
	100.0 0.0						
Provides:		•					
Date of last modifica	tion: 27.02.2018						
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosova NDr. Katarína Kimáková,	, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.					

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚBEV/ DPP3/14	ourse ID: ÚBEV/ Course name: Diploma Project III PP3/14						
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent						
Number of credits: 2							
Recommended seme	ster/trimester of the cours	e: 3.					
Course level: II.	<u>.</u>						
Prerequisities: ÚBEV	V/DPP2/14 or ÚBEV/DP2b	/03					
Conditions for cours	e completion:						
Learning outcomes:							
Brief outline of the c	ourse:						
Recommended litera	iture:						
Course language:							
Course assessment Total number of asses	ssed students: 80						
	abs	n					
100.0 0.0							
Provides:							
Date of last modifica	tion: 23.02.2018						
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosová, NDr. Katarína Kimáková, C	CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.					

University: P. J.	Šafárik Univers	ity in Košice					
Faculty: Faculty	of Science						
Course ID: ÚM DPU/14	ÚMV/ Course name: Magister Thesis and its Defense						
Course type, sco Course type: Recommended Per week: Per Course method	ope and the met l course-load (h study period: d: present	hod: ours):					
Number of cred	lits: 15						
Recommended	semester/trimes	ster of the cours	se:				
Course level: 11							
Prerequisities:							
Conditions for o	course completi	on:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag Slovak	e:						
Course assessm Total number of	ent assessed studen	ts: 18					
А	В	С	D	Е	FX		
88.89	11.11	0.0	0.0	0.0	0.0		
Provides:				·			
Date of last mod	dification: 27.02	2.2018					
Approved: Guar CSc.Guaranteed	ranteeprof. PhDr oc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,		

University: P I	Šafárik Univers	vity in Košice						
Ecoulty: Focult								
Faculty: Facult	Faculty: Faculty of Science							
ETO1/03 Course name: Ethology								
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 crea	lits: 6							
Recommended	semester/trime	ster of the course	e: 1., 3.					
Course level: II	•							
Prerequisities:								
Conditions for Recognition. Written examin	course complet i ation.	ion:						
Learning outco To teach the stu biological scien	mes: dents to know an dens	nd to be aware of	the importance	of the behavioura	al aspect in			
Brief outline of History and dev simplest forms Social behaviou animal migratio behaviour. Abn	the course: velopment of eth of learning – c ur. Sexual behavions. Communicat ormal forms of b	nology. Ethologic onditioning and our. Play behavic ion systems of ani behaviour	al methods. The instrumental lea our. Biological r mals. Emotions	e innate forms of arning. Higher fo hythms. Orientati . Aggression in an	behaviour. The orm of learning. ion in space and imal and human			
Recommended Franck, D.: Ver Manning, A., D 1992	literature: haltensbiologie. pawkins, M. S.: A	Einfuhrung in die An introduction to	Ethologie. Geo animal behavio	org Thieme-Verlag our. Cambridge U	g, 1993 niversity Press,			
Course languag	ge:							
Course assessm Total number of	Course assessment Total number of assessed students: 930							
Α	В	C	D	Е	FX			
39.68	39.68 24.73 25.7 7.96 1.83 0.11							
Provides: RND	r. Igor Majláth, I	hD., RNDr. Natá	lia Pipová, PhD	., RNDr. Terézia	Kisková, PhD.			
Date of last mo	dification: 23.02	2.2018						
Approved: Gua CSc.Guaranteed	ranteeprof. PhD	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteej Sc.	prof. RNDr. Jozef	Doboš,			

University: P. J. Šafá	University: P. J. Šafárik University in Košice					
Faculty: Faculty of S	cience					
Course ID: ÚFV/ FEP1/07	Course name: Microcomputer Based Science Laboratory					
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 credits: 4	4					
Recommended seme	ester/trimester of the course:					
Course level: II.						
Prerequisities:						
Conditions for cours test 30 points active participation 1 project (development points The final assessment	se completion: 0 points t of mathematical model, videomeasurement and physical experiment) 60 is based on the sum of partial results					
After the course student gains an overview about the possible use of digital technologies to support active learning in science. He gains skills to use and develop activities on measuring data with the help of datalogging, measuring on picture and viderecording and modeling natural processes. Student is able to implement such activities in science teaching to support active learning and conceptual understanding						
Brief outline of the course: The aim of the course is to present the use of digital technologies to enhance active learning in science with the help of datalogging, videomeasurement and modeling tools. Mathematical modeling is based on dynamical modeling of natural phenomena. Within the course students carry out computer-based experiments, videomeasurements and measurement on picture and create corresponding models. The activities involve selected topics of secondary schools science. The emphasize is put on the methods of implementation of the activities with regard to active students ' learning.						
Recommended literature: [1]Koubek, V., Pecen, I.: Fyzikálne experimenty a modely v školskom mikropočítačom podporovanom laboratóriu, Univerzita Komenského, Bratislava, 1999 [2]Príručka COACH [3]http://physedu.science.upjs.sk/sis/fyzika/experimenty/index.htm						
Course language: Slovak						
Course assessment Total number of asse	ssed students: 34					

А	В	С	D	Е	FX
44.12	44.12	11.76	0.0	0.0	0.0
Provides: doc. RNDr. Zuzana Ješková, PhD.					
Date of last modification: 01.03.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J.	. Šafárik Univers	sity in Košice				
Faculty: Faculty	Faculty: Faculty of Science					
Course ID: ÚB FG1/03	EV/ Course name: Phytogeography					
Course type, sc Course type: I Recommended Per week: 2 / J Course metho Number of cree	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					
Recommended	semester/trime	ster of the cours	e: 1., 3.			
Course level: I.	, II.		,			
Prerequisities:	<u> </u>					
Conditions for Written work. Exam.	course complet	ion:				
Learning outco To obtain theore	mes: etical and practic	al knowledge fro	m phytogeograp	bhy.		
Brief outline of History of phytendemites, vica ages. Postglacia geography: from Geographical on Practices: Field seminar works of	Brief outline of the course: History of phytogeography. Plants and environment. Chorology, area, area disjunctions, relics, endemites, vicariancy, floral elements. Main course of florogenesis since paleozoic to quaternary ages. Postglacial evolution of Slovak vegetation. Regional phytogeography of Earth. Vegetation geography: from tropical rainforests to tundras. Changes of earth vegetation and their study. Geographical origin of cultivated plants. Practices: Fieldworks. Preparing of maps. Phytogeographical division of Slovakia. Students seminar works on phytogeography					
Recommended literature: Hendrych R.: Fytogeografie SPN, Praha 1984. Brown J. H., Lomolino M. V.: Biogeography Sinauer Associates, Sunderland, 1998.						
Course language:						
Course assessment Total number of assessed students: 349						
А	В	C	D	Е	FX	
38.97	22.35	21.49	8.02	8.31	0.86	
Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčik, PhD.						
Date of last modification: 23.02.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Science				
Course ID: ÚG GEB/12	E/ Course name: Geology and petrography				
Course type, sc Course type: 1 Recommended Per week: 3 / 2 Course metho	ope and the met Lecture / Practice d course-load (h 2 Per study period: present	thod: ours): od: 42 / 28			
Number of crea	lits: 6				
Recommended	semester/trimes	ster of the cours	e: 2.		
Course level: II	•				
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:			_	
Course languag	ge:				
Course assessm Total number of	Course assessment Total number of assessed students: 847				
А	В	С	D	Е	FX
11.1	21.02	32.35	22.43	9.68	3.42
Provides: Ing. Katarína Bónová, PhD.					
Date of last modification: 22.02.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Šafárik University in Košice						
Faculty: Faculty	Faculty: Faculty of Science					
Course ID: ÚM GEO2b/10	V/ Course na	V/ Course name: Geometry II				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present						
Number of cred	lits: 6					
Recommended	semester/trimes	ster of the course	e: 1.			
Course level: II	-					
Prerequisities:						
Conditions for	course completi	on:				
Learning outco To obtain know	mes: ledge about affir	e, isometric, and	similarity trans	formations and th	eir properties.	
 Brief outline of the course: Quadric surfaces (circular and general quadric surfaces) Affine transformations (associated transformation, matrix representation, affinities, fixed points and lines, pseudo-reflections) Isometric transformations (matrix representation, isometries, classification in the plane, composition of reflections) Similarity transformations (matrix representation, similarities, homothety, composition of homotheties) Geometry of circles (the power of a point with respect to a circle, radical axis of two circles, pencils of circles) Recommended literature: M. Sekanina et al, Geometry 2, SPN, 1988 (in slovak). O. Šedivý et al, Geometry 2, SPN, 1987 (in slovak). 						
4. J.T. Smith, M	ethods of geome	etry, Wiley, 2000.				
Course language: Slovak						
Course assessment Total number of assessed students: 399						
А	В	С	D	Е	FX	
11.03	11.78	20.05	19.05	22.31	15.79	
Provides: RNDr. Igor Fabrici, Dr. rer. nat., RNDr. Lucia Janičková						
Date of last modification: 27.02.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J.	University: P. J. Šafárik University in Košice						
Faculty: Faculty of Science							
Course ID: ÚM GEO2c/10	V/ Course na	// Course name: Geometry III					
Course type, sco Course type: L Recommended Per week: 2 / 1 Course method	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 cred	its: 4						
Recommended	semester/trime	ster of the cours	e: 2.				
Course level: II.							
Prerequisities: U	ÚMV/GEO2b/1	0					
Conditions for a	course complet	ion:					
Learning outcome A new look on t	mes: he classical geo	metric results.					
 interest, the incircle and excircles, pedal triangles, Euler line, nine-point circle) 2. Properties of circles (the power of a point with respect to a circle, radical axis of two circles, Simson lines, Ptolemy's theorem, Morley's theorem) 3. Collinearity and concurrence (quadrangles, Varignon's parallelogram, cyclic quadrangles, Brahmagupta's formula, Napoleon triangles) 4. Focal properties of regular conics (Dandelin spheres, tangents and directrix of a regular conic) 5. Inversion with respect to a circle (basic properties, composition of inversions and homotheties) 							
 H.S.M. Coxeter, S.L. Greitzer, Geometry revisited, MAA, 1967. R.A. Johnson, Advanced Euclidean geometry, Dover Publ., 2007. A.V. Akopyan, A.A. Zaslavsky, Geometry of conics, AMS, 2007. D.A. Brannan, M.F. Esplen, J.J. Gray, Geometry, Cambridge Univ. Press, 2007. 							
Course language: Slovak							
Course assessment Total number of assessed students: 88							
Α	В	С	D	E	FX		
21.59	21.59 29.55 29.55 7.95 11.36 0.0						
Provides: RNDr. Igor Fabrici, Dr. rer. nat.							
Date of last mod	Date of last modification: 27.02.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.							

University: P. J. Ša	afárik Univers	sity in Košice				
Faculty: Faculty o	f Science					
Course ID: ÚBEV IMU1/03	ID: ÚBEV/ Course name: Immunology					
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of credits	: 3					
Recommended set	nester/trime	ster of the cours	e: 1.			
Course level: II.						
Prerequisities:						
Conditions for con Recognition. Oral examination.	ırse completi	ion:				
Learning outcome This course introd the role and impor lessons is the prese comprehension of responses.	Learning outcomes: This course introduces the students to the basic concepts of immunology as well as highlights the role and importance of immunology in various human diseases. The aim of Immunology lessons is the presentation of the organization and function of the immune system, as well as the comprehension of complex molecular and cellular interactions during the induction of immune responses					
Brief outline of th Basic immunolog Responses of Innat Recognition by B- Clinical immunolog Tumor Immunolog	e course: y: Lymphatic e Immunity, T cell and T-cel ogy: Allergy a gy, Disorders of	System Anaton The Adaptive Imm Receptors, Antig and other Hypers of The Immune S	ny, The Innate nune Response, gen Presentation ensitivities, Au ystem.	e Immune Systen Antigens and Anti n to T-lymphocyte atoimmunity and 7	n, The Induced ibodies, Antigen es, Complement, Transplantation,	
Recommended literature: Janeway Ch. A., Travers P., Walport M., Schlomchik M.: Immunobiology. Garland Science, 2004 Murphy, K. (2012): Jeneway's Immunobiology. 8th ed. Garland Science Delves, P.J. et al. (2011): Roitt's essential immunology 12th ed Wiley-Blackwell						
Course language:						
Course assessment Total number of assessed students: 866						
A	В	C	D	E	FX	
38.68	24.13	25.17	6.93	1.73	3.35	
Provides: RNDr. V	lasta Demečl	ková, PhD.			·	
Date of last modif	ication: 23.02	2.2018				
Approved: Guarar CSc.Guaranteedoc	teeprof. PhD RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guarantee Sc.	prof. RNDr. Jozef	Doboš,	

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Science				
Course ID: KSSFaK/ KJPUAP/15	Course na	Course name: Culture of Spoken Discourse			
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					
Recommended	semester/trimes	ter of the cours	e• 1		
Course level: II					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number o	Course assessment Total number of assessed students: 0				
А	В	С	D	Е	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 28.08.2017					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of S	cience						
Course ID: ÚTVŠ/ KP/12	urse ID: ÚTVŠ/ Course name: Survival Course /12						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present							
Number of credits: 2							
Recommended seme	ster/trimester of the cours	e:					
Course level: I., II.							
Prerequisities:							
Conditions for cours Conditions for course Attendance Final assessment: cor	e completion: e completion: ntinuous fulfilment of all tas	ks within the course					
Learning outcomes: Students will be familiarized with principles of safe stay and movement in extreme natural conditions as they will obtain theoretical knowledge and practical skills to solve the extraordinary and demanding situations connected with survival and minimization of damage to health. The course develops team work and students will learn how to manage and face the situations that							
Brief outline of the course: Brief outline of the course: Lectures: 1. Principles of behaviour and safety for movement and stay in unknown mountains 2. Preparation and leadership of tour 3. Objective and subjective danger in mountains 4. Principles of hygiene and prevention of damage to health in extreme conditions Exercises: 1. Movement in terrain, orientation and navigation in terrain (compasses, GPS) 2. Preparation of improvised overnight stay 3. Water treatment and food preparation. Recommended literature: Course language:							
Course assessment Total number of assessed students: 365							
	abs n						
	44.38	55.62					

Provides: MUDr. Peter Dombrovský, Mgr. Marek Valanský

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.
University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Science					
Course ID: KPPaPZ/KPE/ EPU/15	ID: Z/KPE/					
Course type, sc Course type: I Recommended Per week: 2 P Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of cree	dits: 2		2.4			
Recommended	semester/trimes	ster of the cours	e: 2., 4.			
Course level: II						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	nent f assessed studen	ts: 281				
А	В	С	D	E	FX	
94.66	4.63	0.71	0.0	0.0	0.0	
Provides: Mgr. Lucia Hricová, PhD.						
Date of last mo	Date of last modification: 21.08.2017					
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	orof. RNDr. Jozef	Doboš,	

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of S	Faculty: Faculty of Science						
Course ID: ÚTVŠ/ LKSp/13	Course name: Summer Co	ourse-Rafting of TISA River					
Course type, scope a Course type: Practi Recommended cou Per week: Per stud Course method: pro	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present						
Number of credits: 2	2						
Recommended seme	ester/trimester of the cours	e:					
Course level: I., II.							
Prerequisities:							
Conditions for cours Conditions for course Attendance Final assessment: Ra	se completion: e completion: .ft control on the waterway (attended/not attended)					
Learning outcomes: Learning outcomes: Students have knowl	edge of rafts (canoe) and the	eir control on waterway.					
Students have knowledge of rafts (canoe) and their control on waterway. 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 out of the water 10. Steering a) The pry stroke (on fast waterways) b) The draw stroke 11. Capsizing 12. Commands							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 142							
	abs	n					
	41.55	58.45					

Provides: Mgr. Peter Bakalár, PhD.

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univers	sity in Košice						
Faculty: Facult	y of Science							
Course ID: ÚM MDM/14	MV/ Course name: Mathematics and didactics of mathematics							
Course type, so Course type: Recommended Per week: Per Course metho	Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present							
Number of cree	dits: 1							
Recommended	semester/trime	ster of the cours	e:					
Course level: II	[.							
Prerequisities: GEO2c/10 and ÚMV/DFR/10) (ÚMV/PSTb/10	ÚMV/GEO2b/1 ÚMV/ATA/14) o or (ÚMV/ATA/1 and ÚMV/DFR	0 and ÚMV/DDN r (ÚMV/GEO2c/ 4 and ÚMV/PST /10))	/Ia/14 and ÚMV /10 and ÚMV/PS ïb/10) or (ÚMV/	7/DDMb/14 and (STb/10) or (ÚMV ATA/14 and ÚM	(ÚMV/ V/GEO2c/10 and IV/DFR/10) or			
Conditions for Acquiring the r	course completie	ion: of credits in the s	tructure defined	by the study plan	n.			
Learning outco Evaluation of s	omes: tudent's compete	ences with respec	t to the profile o	f the graduate.				
Brief outline of	the course:							
Recommended	literature:							
Course langua Slovak	ge:							
Course assessm Total number o	nent f assessed studer	nts: 55						
А	В	С	D	Е	FX			
29.09	30.91	20.0	16.36	3.64	0.0			
Provides:	Provides:							
Date of last mo	dification: 27.02	2.2018						
Approved: Gua CSc.Guaranteed	ranteeprof. PhD loc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteer Sc.	orof. RNDr. Joze	f Doboš,			

, v	
University: P. J. Safá	rik University in Košice
Faculty: Faculty of S	cience
Course ID: ÚFV/ MDT06/15	Course name: Modern Didactical Technology
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce cse-load (hours): dy period: 28 esent
Number of credits: 2	
Recommended seme	ster/trimester of the course: 2.
Course level: II.	
Prerequisities:	
Conditions for cours All assignments must assessment criteria. Active participation a	e completion: be uploaded by a student and accepted by a teacher according to at the seminar with minimum 80% participation.
Student graduated fro - recognise basic tool - to use all types of ac - to design and realise	m subject will be able: s for teaching activities, ctuall tools in education of science or humanities, e educational activities by using modern technologies.
 Brief outline of the c 0. Introduction 1. Cloud services 2. Digital notebooks 3. Digital imaging 4. Digital image procession 5. Digital text procession 6. Digital audio procession 7. Digital video, procession 8. Google online serve 9. Interactive didaction 10. Computer based I 11. Digital teacher 12. Didigital teacher 	ourse: essing sing essing essing, videoconferencing rices eal system (whiteboard, e-voting system, tablet) aboratories ies and virtual experiments s workspace
Recommended litera 1. Kireš, M. et al.: Me 788080861353 2. actuall information 3. catalogues of teach 3. actuall articles abo	ture: odern didactical technics in teacher practice, Košice: Elfa, 2010, ISBN from web sites related to didactical technologies, ning tools, ut modern trends in science and humanities education.

Course language:

Slovak, English							
Course assessment Total number of assessed students: 44							
А	A B C D E FX						
34.09	34.09 45.45 11.36 4.55 4.55 0.0						
Provides: doc. RNDr. Jozef Hanč, PhD.							
Date of last modification: 01.03.2018							
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.							

University: P. J	. Šafárik Univer	sity in Košice						
Faculty: Facult	y of Science							
Course ID: ÚB MKVU/15	Course ID: ÚBEV/ Course name: Microbiology and basics of virology MKVU/15							
Course type, sc Course type: I Recommended Per week: 2 / 2 Course metho	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 crea	lits: 5							
Recommended	semester/trime	ster of the cours	e: 3.					
Course level: II	•							
Prerequisities:								
Conditions for Attendance of p examination	course complet practicals (at leas	ion: st 90%), 2 written	examinations d	luring semester, fi	nal oral			
Learning outco Students will ob their cytology, J basic methods f	mes: otain a basic info ohysiology, gene for studying mic	ormations on viru etics, ecology, clas roorganisms will	ses, prokaryotic ssification, and be provided.	and eukaryotic m importance . Infor	icroorganisms, mation on			
Brief outline of Viruses, prokar classification. T	Brief outline of the course: Viruses, prokaryotic and eukaryotic microorganisms, their cytology, physiology, genetics, ecology, classification. The importance of microorganisms for humans and environment.							
Recommended	literature:							
Course languag	ge:							
Course assessm Total number of	ent f assessed stude	nts: 1224						
А	В	C	D	E	FX			
22.88	11.85	17.32	20.18	23.12	4.66			
Provides: doc. RNDr. Peter Pristaš, CSc., RNDr. Mariana Kolesárová, PhD., RNDr. Lenka Maliničová, PhD.								
Date of last mo	Date of last modification: 23.02.2018							
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.								

University: P. J. Šafá	University: P. J. Šafárik University in Košice						
Faculty: Faculty of S	Faculty: Faculty of Science						
Course ID: KPE/ MPPa/15	Course ID: KPE/ Course name: Supervised Teaching Practice APPa/15						
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present						
Number of credits: 2							
Recommended seme	ster/trimester of the cours	e: 1					
Course level: 11.							
Prerequisities:							
Conditions for cours	e completion:						
Learning outcomes:							
Brief outline of the c	ourse:						
Recommended litera	iture:						
Course language:							
Course assessment Total number of asses	Course assessment Total number of assessed students: 692						
	abs	n					
99.86 0.14							
Provides: doc. PhDr. Beata Gajdošová, PhD., PaedDr. Renáta Orosová, PhD., Mgr. Katarína Petríková, PhD.							
Date of last modification: 05.02.2018							
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosová, NDr. Katarína Kimáková, C	CSc.Guaranteeprof. RNDr. Jozef Doboš, Sc.					

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of S	Faculty: Faculty of Science						
Course ID: ÚBEV/ MPPb/15	Course ID: ÚBEV/ Course name: Scheduled practice teaching MPPb/15						
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present						
Number of credits: 1							
Recommended seme	ster/trimester of the cours	e: 2.					
Course level: II.							
Prerequisities: KPE/	MPPa/15 and KPE/PDU/15	and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)					
Conditions for cours During the practice suguidance of a teacher Confirmation of class Written assessment fi	e completion: rudent observe 11 biology le trainer. sroom visits. rom the teacher trainer.	essons and leads one own biology hour under the					
Learning outcomes: Students acquire known the subject of biology practical implementa	wledge by observing the pray and getting to know the or tion of biology lesson.	actical application of teaching skills for teaching ganization of school work. Introduction into					
Brief outline of the c Students observe the with teacher trainer. I is scheduled once a w The first two hours c a teacher trainer.	ourse: process of teaching biology Practice takes place continu veek at the time of first to the bservation/teaching, the thi	at primary and secondary school and analyzed it tously during the course of the semester. Practice ird lesson in schools. Ird hour analysing process under the guidance of					
Recommended litera Current biology textb	ture: ooks for primary and secon	dary schools in Slovakia.					
Course language:							
Course assessment Total number of asses	ssed students: 408						
abs n							
99.51 0.49							
Provides:							
Date of last modification: 23.02.2018							
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosová, NDr. Katarína Kimáková, C	CSc.Guaranteeprof. RNDr. Jozef Doboš, Sc.					

University: P. J. Šafá	rik University in Košice				
Faculty: Faculty of S	Faculty: Faculty of Science				
Course ID: ÚBEV/ MPPc/15	Course ID: ÚBEV/ Course name: Continuous practice teaching I APPc/15				
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	nd the method: ce rse-load (hours): y period: 4t esent				
Number of credits: 2					
Recommended seme	ster/trimester of the cou	rse: 3.			
Course level: II.					
Prerequisities: ÚBE	//MPPb/03 or ÚBEV/MP	Pb/15			
Conditions for cours	e completion:				
Learning outcomes:					
Brief outline of the c	ourse:				
Recommended litera	ture:				
Course language:					
Course assessment Total number of asses	ssed students: 140				
	abs	n			
100.0 0.0					
Provides:					
Date of last modification: 23.02.2018					
Approved: Guarantee CSc.Guaranteedoc. R	eprof. PhDr. Oľga Orosov NDr. Katarína Kimáková,	á, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.			

University: P. J. Šafá	rik University in Košice					
Faculty: Faculty of S	Faculty: Faculty of Science					
Course ID: ÚBEV/ MPPd/15	Course name: Continu	ous practice teaching II				
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present					
Number of credits: 2						
Recommended seme	ster/trimester of the co	urse: 4.				
Course level: II.						
Prerequisities: ÚBEV	V/MPPc/15					
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Course assessment Total number of asses	ssed students: 115					
	abs	n				
100.0 0.0						
Provides: PaedDr. Andrea Lešková, PhD.						
Date of last modification: 23.02.2018						
Approved: Guarantee CSc.Guaranteedoc. R	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Facult	y of Science						
Course ID: KP MT/09	Course ID: KPE/ Course name: Class Management						
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28					
Number of crea							
Recommended	semester/trimes	ster of the cours	se: 2.				
Course level: II	•						
Prerequisities:							
Conditions for	course completi	on:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	ent f assessed studen	ts: 474					
А	В	С	D	Е	FX		
53.38	33.76	9.49	1.69	0.63	1.05		
Provides: PaedDr. Renáta Orosová, PhD.							
Date of last mo	Date of last modification: 05.02.2018						
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr	: Oľga Orosová, ína Kimáková, O	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,		

University: P. J.	University: P. J. Šafárik University in Košice						
Faculty: Faculty	of Science						
Course ID: KGI NJKG/07	Course ID: KGER/ Course name: Communicative Grammar in German Language NJKG/07 Visite Communicative Grammar in German Language						
Course type, sco Course type: P Recommended Per week: 2 Pe Course method	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28					
Number of cred	lits: 2						
Recommended	semester/trimes	ster of the cours	e:				
Course level: I.,	II						
Prerequisities:							
Conditions for a	course completi	ion:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	je:						
Course assessm Total number of	ent assessed studen	its: 48					
A	В	С	D	Е	FX		
54.17	54.17 12.5 10.42 4.17 10.42 8.33						
Provides: PaedDr. Ingrid Puchalová, PhD., Mgr. Barbora Molokáčová							
Date of last mod	dification: 25.08	3.2017					
Approved: Guar CSc.Guaranteed	ranteeprof. PhDr	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,		

University: P. J.	Šafárik Univers	sity in Košice						
Faculty: Faculty	of Science							
Course ID: ÚBE OPR/12	urse ID: ÚBEV/ Course name: Conservation Biology R/12							
Course type, sco Course type: L Recommended Per week: 2 / 0 Course method	pe and the me ecture / Practice course-load (h Per study peri l: present	thod: cours): od: 28 / 0						
Number of cred	its: 3							
Recommended s	semester/trimes	ster of the course	e: 1.					
Course level: I.,	II							
Prerequisities:								
Conditions for c Examination.	ourse completi	on:						
Learning outcom The main goal or of species, popul	nes: f the subject is t lations, commu	o introduce term	biodiversity, pri ems.	ncipal threats and	l conservation			
Fundamental an hotspots on Earth Factors leading to of populations an of protected area to conservation of	d origin of con- n. Economic val o biodiversity the nd species, constas, conservation of nature.	nservation biolog ue of biodiversity reats. Extinctions servation program outside the prote	y. Different lew as the principal and problems on as and strategies ected areas. Sus	vels of biodivers argument of natu f small population a. Classification a stainable develop	ity, biodiversity re conservation. ns. Conservation nd management ment, education			
Recommended I Primack R.B., 20	iterature:)10: Essentials	of conservation bi	iology. Sinauer	Associates, 1-603	3			
Course language	e:							
Course assessme Total number of	ent assessed studen	ts: 601						
A	В	С	D	Е	FX			
75.04	14.14	7.82	2.0	0.33	0.67			
Provides: prof. F	RNDr. Ľubomír	Kováč, CSc.		·				
Date of last mod	lification: 23.02	2.2018						
Approved: Guar CSc.Guaranteedc	anteeprof. PhD oc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	prof. RNDr. Jozef	Doboš,			

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Science					
Course ID: KPPaPZ/PASZ/	Course name: Problem and Aggressive Behaviour of Pupils. Etiology, Prevention and Intervention.					
Course type, sc Course type: H Recommended Per week: 2 Po Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of crea	lits: 2					
Recommended	semester/trimes	ster of the cours	e: 2.			
Course level: II						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	ent f assessed studen	ts: 24				
А	В	С	D	Е	FX	
87.5	12.5	0.0	0.0	0.0	0.0	
Provides: PhDr.	. Anna Janovská,	PhD.				
Date of last mo	dification: 21.08	3.2017				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep 2Sc.	rof. RNDr. Jozef	Doboš,	

University: P. J.	. Šafárik Univers	sity in Košice				
Faculty: Faculty	y of Science					
Course ID: KP PDD/17	Course ID: KPE/ Course name: Pedagogical Diagnostics DD/17 DD/17					
Course type, sc Course type: F Recommended Per week: 2 Po Course metho	ope and the me Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of crea	lits: 2					
Recommended	semester/trime	ster of the cours	se: 2.			
Course level: II	-					
Prerequisities:						
Conditions for	course complet	ion:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	ent f assessed studer	its: 14				
А	В	С	D	Е	FX	
100.0	0.0	0.0	0.0	0.0	0.0	
Provides: Paedl	Dr. Janka Ferenc	ová, PhD.				
Date of last mo	dification: 05.02	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhD oc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,	

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Science					
Course ID: KP PDK/17	Course ID: KPE/ Course name: Pedagogical Communication PDK/17					
Course type, sc Course type: F Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of crea	lits: 2					
Recommended	semester/trimes	ster of the cours	e: 1.			
Course level: II	•					
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	ent f assessed studen	ts: 26				
А	В	С	D	Е	FX	
80.77	15.38	3.85	0.0	0.0	0.0	
Provides: Mgr.	Katarína Petríko	vá, PhD.				
Date of last mo	dification: 05.02	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Science					
Course ID: KP PDU/15	Course ID: KPE/ Course name: Teaching Methodology and Pedagogy DU/15 DU/15					
Course type, sc Course type: 1 Recommended Per week: 2 / 2 Course metho	ope and the met Lecture / Practice d course-load (h 2 Per study peri d: present	thod: ours): od: 28 / 28				
Number of crea	dits: 5					
Recommended	semester/trimes	ster of the cours	e: 1.			
Course level: II	•					
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	ent f assessed studen	ts: 1361				
А	В	С	D	Е	FX	
11.83	25.2	27.48	19.99	8.52	6.98	
Provides: Paedl	Dr. Renáta Oroso	ová, PhD., Mgr. k	Katarína Petríkova	á, PhD.		
Date of last mo	dification: 05.02	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,	

University: P. J.	. Šafárik Univers	sity in Košice					
Faculty: Faculty of Science							
Course ID: CJF PFAJAKA/07	ourse ID: CJP/ Course name: Academic English FAJAKA/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: combined, present							
Number of crea	lits: 2						
Recommended	semester/trime	ster of the course	:				
Course level: I.	, II., N						
Prerequisities:							
Conditions for Active classroo and 12th/13th w assessment of to 72-78%, E 65-7	Conditions for course completion: Active classroom participation, 2 absences tolerated (4x45 min.) tolerated. 2 tests (5th/6th week and 12th/13th week), no retake. Minipresentation on chosen topic. Final evaluation- average assessment of tests and presentation. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less						
Learning outco	mes:						
Brief outline of	the course:						
Recommended Seal B.: Acader T. Armer :Caml M. McCarthy M Zemach, D.E, R Olsen, A. : Acti www.bbclearnin Cambridge Aca	literature: nic Encounters, oridge English fo 1., O'Dell F A Rumisek, L.A: A ve Vocabulary, I ngenglish.com demic Content I	CUP, 2002 or Scientists, CUP cademic Vocabula cademic Writing, Pearson, 2013 Dictionary, CUP, 2	2011 ry in Use, CUP Macmillan 200 009	2008 5			
Course languag English languag	ge: ge, level B2 acco	ording to CEFR.					
Course assessment Total number of assessed students: 344							
А	В	C	D	Е	FX		
30.81 23.55 15.99 11.05 7.27 11.34							
Provides: Mgr. Zuzana Naďová							
Date of last mo	dification: 06.02	2.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.							

University: P I	Šafárik Univer	sity in Košice				
Faculty: Facult	v of Science					
Course ID: CJF PFAJGA/07	rse ID: CJP/ Course name: Communicative Grammar in English JGA/07					
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the me Practice d course-load (h er study period d: combined, pr	thod: nours): : 28 esent				
Number of crea	lits: 2					
Recommended	semester/trime	ster of the cours	e:			
Course level: I.	, II., N					
Prerequisities:						
Conditions for Active classroo week), no retak 86-92%, C 79-8	course complet m participation (e. Final evaluation) 35%, D 72-78%,	ion: (max. 2x90 min. a on- average asses: E 65-71%, FX 64	bsences tolerations sment of tests. (4% and less.	ed). 2 test (5th/6t Grading scale: A	h and 12/13th 93-100%, B	
Learning outco	mes:					
Brief outline of	the course:					
Recommended Misztal M.: The McCarthy, O'D Alexander L.G. Jones I Comm Vince M.: Mac www.bbclearnin Gráf T., Peters	literature: ematic Vocabula ell: English Voca : Longman Engl nunicative Gram nillan Grammar ngenglish.com S.: Time to pract	ry, Fragment, 199 abulary in Use, 19 ish Grammar, Lou mar Practice, CU in Context, Macr ise, Polyglot, 200	8 194 ngman, 1988 P, 1992 nillan, 2008 7			
Course languag	ge:					
Course assessme Total number of	ent f assessed studer	nts: 394				
А	В	C	D	Е	FX	
39.34	18.53	17.01	8.88	6.09	10.15	
Provides: Mgr.	Lenka Klimčáko	ová				
Date of last mo	dification: 06.02	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhD oc. RNDr. Kata	r. Oľga Orosová, rína Kimáková, C	CSc.Guaranteej Sc.	prof. RNDr. Joze	f Doboš,	

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of S	Science						
Course ID: CJP/ Course name: Communicative Competence in English PFAJKKA/07							
Course type, scope a Course type: Practi Recommended cou Per week: 2 Per stu Course method: co	and the method: ce rse-load (hours): ady period: 28 mbined, present						
Number of credits: 2	2						
Recommended seme	ester/trimester of the course:						
Course level: I., II., I	N						
Prerequisities:							
Active participation two classes at the mo 2 credit tests (presum on selected topics. Final grade will be c 65-71%, FX 64 % ar	in class and completed homework assignments. Students are allowed to miss ost. hably in weeks 6/7 and 12/13) and short academic presentations in English alculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E hd less.						
Learning outcomes: Uplatnenie a aktívne situáciách. Zdokonal vecnej kompetencie, výpovede, efektívne výpovede. Precvičov oslovenie), informatí časových vzťahov), r a hodnotiacich (napr budovania praktickej požiadavkám a kritér jazykov.	používanie svojich teoretických vedomostí v praktických komunikačných enie jazykových vedomostí a zručností študenta, rečovej, pragmatickej a predovšetkým zlepšujú komunikáciu, schopnosť prijímať a formulovať vyjadrovať svoje myšlienky ako aj orientovať sa v obsahovom pláne ranie rečových intencií kontaktných (napr. pozdravy, oslovenia, pozvanie, ívnych (napr. získavanie a podávanie informácií, vyjadrenie priestorových a regulačných (napr. prosba, poď akovanie, zákaz, pochvala, súhlas, nesúhlas) vyjadrenie vlastného názoru, stanoviska, želania, emócií). Výsledkom j jazykovej kompetencie majú byť vedomosti a zručnosti zodpovedajúce riám dokumentu Spoločný európsky referenčný rámec pre vyučovanie						
Brief outline of the of Rodina, jej formy a p Vyjadrovanie pocitov Dom, bývanie a budu Formy a dialekty v a Život v meste a na vi	course: problémy v a dojmov úcnosť nglickom jazyku idieku						

Kolokácie a idiomy, zaužívané slovné spojenia

Prázdniny a sviatky vo svete

Životné prostredie a ekológia Výnimky zo slovosledu Frázové slovesá a ich použitie

Charakteristiky neformálneho diškurzu

Recommended literature:

www.bbclearningenglish.com

McCarthy M., O'Dell F.: English Vocabulary in Use, Upper-Intermediate. CUP, 1994. Misztal M.: Thematic Vocabulary. SPN, 1998.

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.

Alexander L.G.: Longman English Grammar. Longman, 1988.

Course language:

English language, B2 level according to CEFR

Course assessment

Total number of assessed students: 220

А	В	С	D	Е	FX
36.36	21.82	20.45	10.45	7.27	3.64

Provides: Mgr. Zuzana Naďová

Date of last modification: 06.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Faculty	y of Science						
Course ID: KP PPD/15	Course ID: KPE/ Course name: Pedagogy and Psychology PD/15						
Course type, sc Course type: Recommended Per week: Per Course metho	ope and the met d course-load (h r study period: d: present	thod: ours):					
Number of crea	lits: 1						
Recommended	semester/trimes	ster of the cours	e:				
Course level: II	•						
Prerequisities:	KPE/PDU/15 an	d KPPaPZ/PPgU	/15				
Conditions for	course completi	on:					
Learning outco	omes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	ent f assessed studen	ts: 355					
А	В	С	D	Е	FX		
29.01	24.79	25.07	15.77	3.66	1.69		
Provides:							
Date of last mo	dification: 21.08	3.2017					
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi loc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,		

University: P. J	. Šafárik Univers	sity in Košice					
Faculty: Facult	y of Science						
Course ID: Del UPJŠ/PPZ/13	Course ID: Dek. PF Course name: Personality Development and Key Competences for Success on a Labour Market						
Course type, sc Course type: I Recommended Per week: Per Course metho	ope and the me Practice d course-load (h r study period: d: present	thod: tours): 14s					
Number of crea	dits: 2						
Recommended	semester/trimes	ster of the cours	e:				
Course level: II							
Prerequisities:							
Conditions for	course completi	ion:					
Learning outco	omes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	nent f assessed studen	its: 39					
А	В	С	D	Е	FX		
100.0	0.0	0.0	0.0	0.0	0.0		
Provides: RND	r. Peter Stefányi,	PhD.					
Date of last mo	dification: 19.02	2.2018					
Approved: Gua CSc.Guaranteed	ranteeprof. PhD loc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep 2Sc.	rof. RNDr. Jozef	Doboš,		

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Faculty	Faculty: Faculty of Science						
Course ID: KPPaPZ/PPgU/	J/15 Course name: Psychology and Educational Psychology						
Course type, sc Course type: 1 Recommended Per week: 2/2 Course metho	ope and the met Lecture / Practice d course-load (h 2 Per study peri d: present	thod: ours): od: 28 / 28					
Number of crea	lits: 5						
Recommended	semester/trimes	ster of the cours	e: 1.				
Course level: II	•						
Prerequisities:							
Conditions for	course completi	on:					
Learning outco	omes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Course assessm Total number of	ent f assessed studen	ts: 1287					
А	В	С	D	Е	FX		
10.18	18.57	22.46	22.84	22.84	3.11		
Provides: prof. PhDr. Ol'ga Orosová, CSc., Mgr. Lucia Hricová, PhD., PhDr. Anna Janovská, PhD.							
Date of last modification: 21.08.2017							
Approved: Gua CSc.Guaranteed	ranteeprof. PhDiloc. RNDr. Katar	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,		

University: P. J.	Šafárik Univer	sity in Košice							
Faculty: Faculty	Faculty: Faculty of Science								
Course ID: ÚM PSTb/10	MV/ Course name: Probability and statistics II								
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 crea	lits: 5								
Recommended	semester/trime	ester of the cours	e: 1.						
Course level: I.	, II.								
Prerequisities:									
Conditions for To obtain at least tests and oral ex	course comple t st 50% in two w cam.	ion: ritten tests during	the semester. T	otal evaluation ba	sed on written				
Learning outco Student should theoretical know	mes: obtain the know vledge in practi	ledge about basic cal problems solvi	statistical meth ng.	ods and the ability	/ to apply				
Brief outline of Random vecto Correlation and distributions and and their prop construction.Tec searching optim	Brief outline of the course: Random vectors, their distributions and characteristics. Joint and marginal distributions. Correlation and regression, properties of correlation coefficient. Random sample, sampling distributions and characteristics. Some important statistics and their distributions. Point estimators and their properties. Maximum likelihood method. Interval estimates, confidence interval construction.Testing of statistical hypothesis, critical region, level of significance. Methods for contracteristical regions. Some important parametric and nonparametric tests.								
 Recommended literature: 1. Skřivánková V.: Pravdepodobnosť v príkladoch, UPJŠ, Košice, 2006 (in Slovak) 2. Skřivánková VHančová M.: Štatistika v príkladoch, UPJŠ, Košice, 2005 (in Slovak) 3. CASELLA, G., BERGER, R., Statistical Inference, 2nd ed., Duxbury Press, 2002 4. DeGroot, M. H., Schervish, M. J.: Probability and Statistics, 4th ed., Pearson, Boston, 2012 5. Utts, J.M., Heckard, R.F.: Mind od Statistics, 5th ed., Thomson Brooks/Cole, 2014 6. Anděl J.: Základy matematické statistiky, MatfyzPress, Praha, 2011 (in Czech) 									
Course language: Slovak									
Course assessment Total number of assessed students: 175									
А	A B C D E FX								
20.0	21.14	17.71	24.0	10.86	6.29				
Provides: RNDr. Martina Hančová, PhD.									
Date of last modification: 26.09.2017									

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univers	sity in Košice						
Faculty: Facult	y of Science							
Course ID: KPPaPZ/PTPN/	/17 Course name: Psychology of Creativity and Working with Gifted Students in Teacher Practice							
Course type, so Course type: 1 Recommended Per week: 2 P Course metho	ope and the me Practice d course-load (h er study period d: present	thod: nours): : 28						
Number of cree	dits: 2							
Recommended	semester/trime	ster of the cours	e: 2.					
Course level: I	- -							
Prerequisities:								
Conditions for	course complet	ion:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:							
Course langua	ge:							
Course assessn Total number o	nent f assessed studer	nts: 18						
А	В	C	D	E	FX			
100.0	0.0	0.0	0.0	0.0	0.0			
Provides: Mgr.	Lucia Hricová, I	PhD.		·	·			
Date of last mo	dification: 21.0	8.2017						
Approved: Gua CSc.Guaranteec	ranteeprof. PhD loc. RNDr. Katar	r. Oľga Orosová, rína Kimáková, C	CSc.Guaranteep 2Sc.	rof. RNDr. Jozef	Doboš,			

University: P. J	. Šafárik Univers	ity in Košice						
Faculty: Facult	Faculty: Faculty of Science							
Course ID: KPPaPZ/PUDU	Course na	Course name: Drug Addiction Prevention in Educational Practice						
Course type, so Course type: 1 Recommendee Per week: 2 / Course metho	cope and the met Lecture / Practice d course-load (h 1 Per study period: present	thod: ours): od: 28 / 14						
Number of cree	dits: 4							
Recommended	semester/trimes	ster of the cours	e: 1., 3.					
Course level: I	[
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	ge:							
Course assessn Total number o	nent f assessed studen	ts: 257						
А	В	С	D	Е	FX			
48.25	48.25 43.19 7.78 0.78 0.0 0.0							
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Marta Dobrowolska Kulanová, PhD.								
Date of last mo	dification: 21.08	3.2017						
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,			

University: P. J.	. Šafárik Univers	ity in Košice						
Faculty: Faculty	Faculty: Faculty of Science							
Course ID: KPPaPZ/PsZ/15	5 Course name: Psychology of Health							
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28						
Number of crea	lits: 2							
Recommended	semester/trimes	ster of the cours	e: 3.					
Course level: II	•							
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	mes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	ge:							
Course assessm Total number of	ent f assessed studen	ts: 61						
А	В	С	D	Е	FX			
100.0	100.0 0.0 0.0 0.0 0.0 0.0							
Provides: Mgr. Jozef Benka, PhD. et PhD.								
Date of last modification: 21.08.2017								
Approved: Gua CSc.Guaranteed	ranteeprof. PhDi oc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,			

University: P. J	. Šafárik Univers	ity in Košice						
Faculty: Faculty of Science								
Course ID: KP SDaM/15	urse ID: KPO/ Course name: Child and Adolescent Sociology aM/15							
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	cope and the me Lecture d course-load (h er study period: d: present	thod: ours): 28						
Number of crea	dits: 2							
Recommended	semester/trimes	ster of the cours	e: 3.					
Course level: II								
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	ge:							
Course assessm Total number of	nent f assessed studen	ıts: 844						
А	В	С	D	Е	FX			
50.0	50.0 29.74 15.28 3.32 1.3 0.36							
Provides: Mgr. Alexander Onufrák, PhD.								
Date of last mo	dification: 28.08	3.2017						
Approved: Gua CSc.Guaranteed	ranteeprof. PhD	r. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,			

University: P. J.	University: P. J. Šafárik University in Košice								
Faculty: Faculty	of Science								
Course ID: ÚMV SHM/10	// Course na	Course name: Seminar on history of mathematics							
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 credi	ts: 2								
Recommended s	emester/trimes	ster of the cours	e: 2.						
Course level: I.,	II.								
Prerequisities:									
Conditions for course completion: Homework, presentation on the chosen topic during the seminar. More than 91 points - evaluation of A. 81-90 points - evaluation of B. 71-80 points - rating C. 61-70 points - evaluation of D. 51-60 points - evaluation of E. Less than 50 points - FX evaluation									
Learning outcom Students get an o and selected term thinking.	nes: overview of the is and about par	history of the dev callel between ph	velopment of cer lylogenesis and o	tain mathematicantogenesis of ma	al disciplines				
Brief outline of the course: Mathematics in Early Civilizations. Greek Mathematics. Mathematics in the Near and Far East (Arabia, China, India). Medieval European Mathematics. The Renaissance of Mathematics. The Beginning of Modern Mathematics.									
Recommended literature: Burton, D. M.: The History of Mathematics: An Introduction. McGraw–Hill, 2007. Devlin, K.: Jazyk matematiky. Dokořán, 2002 (in czech) Kolman, A.: Dejiny matematiky ve starověku. Academia, Praha, 1968 (in slovak) Juškevič, A. P.: Dejiny matematiky ve středověku. Academia, Praha 1977 (in slovak) Znám,Š. a kol.: Pohľad do dejín matematiky. Alfa, Bratislava, 1986 (in slovak) Konforovič, A.G.: Významné matematické úlohy, SPN Praha, 1989 (in slovak)									
Course language: Slovak									
Course assessme Total number of a	Course assessment Total number of assessed students: 144								
A	В	С	D	Е	FX				
80.56	6.94	6.94	2.78	2.78	0.0				

Provides: RNDr. Ingrid Semanišinová, PhD.

Date of last modification: 27.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univers	ity in Košice						
Faculty: Facult	Faculty: Faculty of Science							
Course ID: KPPaPZ/SNP/0	P/09 Course name: Mobbing, Violence and Their Prevention							
Course type, sc Course type: 1 Recommended Per week: 2 P Course metho	cope and the met Practice d course-load (h er study period: d: present	thod: ours): 28						
Number of cree	dits: 2							
Recommended	semester/trimes	ster of the cours	se: 1., 3.					
Course level: II	[
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:			_				
Course languag	ge:							
Course assessm Total number o	nent f assessed studen	ts: 109						
А	В	С	D	Е	FX			
77.06	77.06 20.18 1.83 0.92 0.0 0.0							
Provides: Mgr. Mária Bačíková, PhD.								
Date of last mo	dification: 21.08	3.2017						
Approved: Gua CSc.Guaranteed	uranteeprof. PhDr loc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,			

University: P. J. Ša	afárik Univers	ity in Košice						
v								
Faculty: Faculty of Science								
Course ID: ÚBEV/ Course name: School experiments and observations SPP/08								
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 credits	s: 2							
Recommended ser	mester/trimes	ster of the course	e: 3.					
Course level: II.								
Prerequisities:								
Conditions for cou Realisation of dida	urse completi actic analysis a	on: after conducted ex	xperiments and	observations.				
Learning outcome Preparing students	es: for the imple	mentation of biol	ogical school ex	xperiments and o	bservations.			
Brief outline of the The course is aime experiments and ol practical work dur biological observat methods in the var	Brief outline of the course: The course is aimed at training and application skills that are necessary for the implementation of experiments and observations in the classroom. It helps students develop theoretical knowledge in practical work during training and familiarizes them with didactic methods in demonstrating the biological observation and educational experiments. It focuses on the possibilities of applying these methods in the various stages of a teaching unit							
Recommended lite HUDÁKOVÁ, A., rastlín. Košice: UP Internal study mate	erature: , KIMÁKOVA PJŠ; Prírodove erials in Mood	Á, K. 2005. Demo decká fakulta, 84 lle https://lms.upj	onštračné pokus s. ISBN 80-70 s.sk/login/index	y a pozorovania : 97-610-1. k.php	z biológie			
Course language:								
Course assessment Total number of assessed students: 64								
A	В	С	D	Е	FX			
64.06	20.31	12.5	3.13	0.0	0.0			
Provides: PaedDr.	Provides: PaedDr. Andrea Lešková, PhD., RNDr. Ivana Slepáková, PhD.							
Date of last modification: 23.02.2018								
Approved: Guaran CSc.Guaranteedoc.	nteeprof. PhDr RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteej Sc.	prof. RNDr. Jozet	f Doboš,			

University: P. J	. Šafárik Univer	sity in Košice						
Faculty: Facult	Faculty: Faculty of Science							
Course ID: ÚM SSM/15	Course ID: ÚMV/ Course name: Seminar on school mathematics SSM/15							
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 cre	dits: 2							
Recommended	semester/trime	ster of the cours	e: 2.					
Course level: I	[.							
Prerequisities:								
Conditions for During the sem Evaluation A - evaluation D at granted to a stu Learning outco Students becom specific problem Brief outline of Basic knowled Recommended Hecht, T., Sklem Hecht, T. a kol.	course complet lester will be 3 w at least 90% of t least 60%, eval- dent who receiv omes: he familiar with ms of teaching n f the course: ge of school mat literature: háriková, Z., Me , Matematika pr	ion: vritten exams. he points, evaluat uation E rating of es less than 50% of the tasks, methods hematics at prin hematics. Number tódy riešenia mate e 14. ročník gyn	ion B - at least 3 at least 50% of of the points. s of problem sol mary and second r theory tasks, ta ematických úlol mázií a SOŠ, O	80%, evaluation C the points. Credits wing, solving strat dary schools. asks to optimize, w h, Bratislava, SPN, rbisPictusIstropoli	at least 70%, shall not be egies and with word problems. , 1992. tana,			
Bratislava 1999	9-2002.	hlans Calaina A	10.1007	Ĩ	,			
Larson, L.C., N	letódy riešenia r	natematických pro	oblémov, Bratis	lava, Alfa, 1990.				
Course language: Slovak								
Course assessment Total number of assessed students: 122								
A	В	С	D	E	FX			
45.08	45.08 23.77 10.66 9.84 10.66 0.0							
Provides: doc.	Provides: doc. RNDr. Matúš Harminc, CSc.							
Date of last mo	dification: 27.0	2.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.								
University: P. J. Šafárik University in Košice								
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Faculty: Faculty of Science								
Course ID: ÚM SVK/10	V/ Course na	ame: Students sc	ientific conferen	ce				
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present								
Number of cred	lits: 4							
Recommended	semester/trimes	ster of the cours	e:					
Course level: I.,	, II							
Prerequisities:								
Conditions for	course completi	on:						
Learning outco Individual scien public presentat	mes: ttific work of stu tion.	dents. Publishing	g of obtained resu	alts in a written fo	orm and as a			
Brief outline of	the course:							
Recommended With respect to	literature: the research pro	blematics (article	in journals, boo	ks).				
Course languag Slovak or Engli	ge: sh							
Course assessm Total number of	ent f assessed studen	its: 86						
А	В	С	D	Е	FX			
98.84	1.16	0.0	0.0	0.0	0.0			
Provides: prof.	RNDr. Tomáš M	adaras, PhD.		•				
Date of last modification: 27.02.2018								
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.								

University: P. J.	Šafárik Univer	sity in Košice			
Faculty: Faculty	of Science				
Course ID: ÚBI SVK/01	EV/ Course n	ame: Student Sci	entific Conferen	ce	
Course type, sco Course type: Recommended Per week: Per Course methoo	ope and the mo course-load (study period: l: present	ethod: hours):			
Number of cred	its: 4				
Recommended	semester/trim	ester of the cours	e: 2.	_	
Course level: I.,	II.				
Prerequisities:					
Conditions for a	course complet	tion:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	e:				
Course assessm Total number of	ent assessed stude	nts: 258			
А	В	C	D	Е	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last mod	lification: 23.0	2.2018			
Approved: Guar CSc.Guaranteed	ranteeprof. PhD)r. Oľga Orosová, rína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Science				
Course ID: KP TTUP/15	E/ Course na	ame: Creating Te	ext Teaching Aids	3	
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28			
Number of crea	dits: 2				
Recommended	semester/trimes	ster of the cours	e: 2.		
Course level: II	•				
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number of	ent f assessed studen	ts: 129			
А	В	С	D	Е	FX
51.94	31.01	10.85	4.65	1.55	0.0
Provides: Mgr.	Katarína Petríko	vá, PhD., PaedD	r. Renáta Orosova	á, PhD.	
Date of last mo	dification: 05.02	2.2018			
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,

University:	University: P. J. Šafárik University in Košice						
Faculty: Fa	culty of Scie	ence					
Course ID: TVa/11	ÚTVŠ/ C	ourse name:	Sports Acti	vities 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	credits: 2						
Recommen	ded semeste	er/trimester	of the cours	e: 1.			
Course leve	e l: I., I.II., II						
Prerequisit	ies:						
Conditions Conditions Min. 80% c	for course of for course of active part	completion: ompletion: ticipation in c	elasses.				
Learning ou Increasing p relationship Brief outlin Brief outlin	Learning outcomes: Increasing physical condition and performance within individual sports. Strengthening the relationship of students to the selected sports activity and its continual improvement. Brief outline of the course: Brief outline of the course:						
Within the University floorball, ye tennis, spor In the first and particul physical co Last but not means of a In addition	Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, basketball, badminton, floorball, yoga, pilates, swimming, body-building, indoor football, self-defence and karate, table tennis, sports for unfit persons, streetball, tennis, and volleyball. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitness. In addition to these sports, the Institute offers for those who are interested winter and summer						
the premise	s of the facul	ty or Univers	sity or compe	etitions with r	national or inf	ernational pa	articipation.
Recommen	ded literatu	re:					
Course lang	guage:						
Course asse Total numb	essment er of assesse	ed students [.] 1	1672				
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
88.42	0.01	0.0	0.0	0.0	0.03	7.59	3.96

Provides: Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Ing. Iveta Cimboláková, PhD.

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

	P. J. Šafárik	University in	n Košice				
Faculty: Fa	culty of Scie	ence					
Course ID: TVb/11	ÚTVŠ/ C	ourse name:	Sports Activ	vities II.			
Course type Course type Recomment Per week: Course met	e, scope and pe: Practice nded course 2 Per study ethod: prese	the method -load (hours period: 28 nt	: 3):				
Number of	credits: 2						
Recommen	ded semeste	er/trimester	of the cours	e: 2.			
Course leve	el: I., I.II., II						
Prerequisit	ies:						
Conditions Conditions Final assess	for course of for course constant and ac	completion: completion: tive participa	ation in class	es - min. 75%	/0		
Learning of Learning of Increasing J relationship	utcomes: utcomes: physical con o of students	dition and pe to the selecte	rformance w ed sports acti	vithin individ vity and its c	ual sports. S continual imp	trengthening provement.	; the
Brief outlin Brief outlin Within the University floorball, y tennis, spor	te of the course optional sub provides for oga, pilates, ts for unfit r	rse: ject, the Institution students the swimming, 1	itute of Phys following s body-buildin	ical Educatio ports activiti g, indoor foo	on and Sport es: aerobics, otball, self-d	s of Pavol Jo , basketball, efence and k	ozef Šafárik badminton,
In the first and particul physical co Last but no means of a In addition physical edu the premise	two semester larities of incondition, coo t least, the in special prog to these spe ucation train s of the facul	ersons, street rs of the firs lividual sport rdination abi nportant role ram of medic orts, the Inst ings with an a ty or Univers	tball, tennis, t level of edu s, motor skill lities, physic of sports act cal physical e itute offers f attractive pro-	and volleyba ucation stude ls, game activ cal performan ivities is to e education to i for those who gram and org titions with n	all. ents will mas vities, they w ince, and mor liminate swi influence and o are interes anises variou ational or int	ster basic cha ill improve le tor performa mming illite d mitigate un ted winter a us competitic ternational pa	carate, table aracteristics evel of their ince fitness. racy and by affitness. and summer ons, either at articipation.
In the first and particul physical co Last but no means of a In addition physical edu the premise Recommen	two semester larities of incondition, coo t least, the in special prog to these spe ucation train s of the facul ded literatu	rersons, street rs of the firs lividual sport rdination abi nportant role ram of medic orts, the Inst ings with an a ty or Univers re:	tball, tennis, t level of edu s, motor skill lities, physic of sports act cal physical e itute offers f attractive pro-	and volleyba ucation stude ls, game activ cal performan ivities is to e education to i for those who gram and org titions with n	all. ents will mass vities, they we have, and more iliminate swi influence and o are interess anises various ational or interest	ster basic cha ill improve le tor performa mming illite d mitigate un ted winter a us competitional pa	carate, table aracteristics evel of their ince fitness. racy and by affitness. and summer ons, either at articipation.
In the first and particul physical co Last but no means of a In addition physical edu the premise Recommen Course lang	two semester larities of incondition, coo t least, the in special prog to these spe ucation train s of the facul ded literatu guage:	rersons, street rs of the firs lividual sport rdination abi nportant role ram of medic orts, the Inst ings with an a ty or Univers re:	tball, tennis, t level of edu s, motor skill lities, physic of sports act cal physical e itute offers f attractive pro-	and volleyba ucation stude ls, game activ cal performan ivities is to e education to i for those who gram and org titions with n	all. ents will mas vities, they w ince, and more liminate swi influence and o are interest anises various ational or int	ster basic cha ill improve le tor performa mming illite d mitigate un ted winter a us competitional pa	carate, table aracteristics evel of their ince fitness. racy and by ifitness. and summer ons, either at articipation.
In the first and particul physical co Last but no means of a In addition physical edu the premise Recommen Course lang Course asse Total numb	two semester larities of incondition, coo t least, the in special prog to these spe ucation train s of the facul ded literatu guage: essment er of assesse	ersons, street rs of the firs lividual sport rdination abi nportant role ram of medic orts, the Inst ings with an a ty or Univers re:	tball, tennis, t level of edu s, motor skill lities, physic of sports act cal physical e itute offers f attractive pro- ity or compe	and volleyba ucation stude ls, game activ cal performan ivities is to e education to i for those who gram and org titions with n	all. ents will mas vities, they w ince, and mor liminate swi influence and o are interes anises variou lational or int	ster basic cha ill improve la tor performa mming illite d mitigate un ted winter a us competitic ternational pa	carate, table aracteristics evel of their ince fitness. racy and by affitness. and summer ons, either at articipation.
In the first and particul physical co Last but no means of a In addition physical edu the premise Recommen Course lang Course asso Total numb abs	two semester larities of inc ndition, coo t least, the in special prog to these spe ucation train s of the facul ded literatu guage: essment er of assesse abs-A	ersons, street rs of the firs lividual sport rdination abi nportant role ram of medic orts, the Inst ings with an a ty or Univers re: ed students: 1 abs-B	tball, tennis, t level of edu s, motor skill lities, physic of sports act cal physical e itute offers f attractive pro- ity or compe 0971 abs-C	and volleyba ucation stude ls, game activ cal performan ivities is to e education to i for those who gram and org titions with n	all. ents will mas vities, they w ince, and mor liminate swi influence and o are interes anises variou ational or int abs-E	ster basic cha ill improve la tor performa mming illite d mitigate un ted winter a us competition ternational pa	aracteristics evel of their ince fitness. racy and by ifitness. and summer ons, either at articipation.

Provides: Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Ing. Iveta Cimboláková, PhD.

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J. Šafárik University in Košice							
Faculty: Fa	culty of Sc	eience					
Course ID: TVc/11	ÚTVŠ/	Course name: Sports Activities III.					
Course typ Course ty Recomme Per week: Course m	e, scope an pe: Practic nded cour 2 Per stud ethod: pres	nd the method e se-load (hours ly period: 28 sent	l: s):				
Number of	credits: 2						
Recommen	ded semes	ter/trimester	of the cours	se: 3.			
Course leve	el: I., I.II.,	II.					
Prerequisit	ies:						
Conditions	for course	e completion:					
Learning o	utcomes:						
Brief outlir	e of the co	ourse:					
Recommen	ded litera	ture:					
Course lan	guage:						
Course ass Total numb	essment er of asses	sed students: 6	910				
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
89.84	0.04	0.0	0.0	0.0	0.03	4.23	5.86
Provides: Mgr. Marcel Čurgali, Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Ing. Iveta Cimboláková, PhD.							
Date of last modification: 18.08.2017							
Approved: CSc.Guarar	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J. Šafárik University in Košice								
Faculty: Fa	culty of So	cience						
Course ID: TVd/11	ÚTVŠ/	Course name	Course name: Sports Activities IV.					
Course typ Course ty Recomme Per week: Course m	e, scope an pe: Practic nded cour 2 Per stud ethod: pre	nd the method e se-load (hours ly period: 28 sent	l: s):					
Number of	credits: 2							
Recommen	ded semes	ster/trimester	of the cours	se: 4.				
Course leve	el: I., I.II.,	II.						
Prerequisit	ies:							
Conditions	for cours	e completion:						
Learning o	utcomes:							
Brief outlin	ne of the co	ourse:						
Recommen	ded litera	ture:						
Course lan	guage:	,						
Course ass Total numb	essment per of asses	sed students: 5	045					
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs	
85.09	0.3	0.04	0.0	0.0	0.0	6.82	7.75	
Provides: Mgr. Marcel Čurgali, Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Ing. Iveta Cimboláková, PhD.								
Date of last	Date of last modification: 18.08.2017							
Approved: CSc.Guarar	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.							

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	Faculty: Faculty of Science					
Course ID: KPPaPZ/UPN/1	7 Course na	me: Introductio	n into Psycholog	y of Religion		
Course type, sc Course type: H Recommended Per week: 2 Po Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of crea	dits: 2					
Recommended	semester/trimes	ster of the cours	e: 2.			
Course level: II	•					
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessm Total number of	ent f assessed studen	ts: 5				
А	В	С	D	E	FX	
100.0	0.0	0.0	0.0	0.0	0.0	
Provides: Mgr.	Jozef Benka, Phl	D. et PhD.				
Date of last mo	dification: 21.08	3.2017				
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep CSc.	rof. RNDr. Jozef	Doboš,	

University: P. J.	. Šafárik Univers	ity in Košice			
Faculty: Faculty	y of Science				
Course ID: KPPaPZ/UPR/1	5 Course na	me: The Art of	Aiding by Verbal	Exchange	
Course type, sc Course type: H Recommended Per week: 2 Po Course metho	ope and the met Practice I course-load (h er study period: d: present	hod: ours): 28			
Number of crea	lits: 2				
Recommended	semester/trimes	ster of the cours	e: 2.		
Course level: II	•				
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number of	ent f assessed studen	ts: 84			
А	В	С	D	Е	FX
90.48	2.38	4.76	1.19	1.19	0.0
Provides: Mgr.	Ondrej Kalina, P	hD.			
Date of last mo	dification: 21.08	3.2017			
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr oc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Doboš,

University: P. J	. Šafárik Univer	sity in Košice					
Faculty: Facult	y of Science						
Course ID: ÚB VEK1/03	Course ID: ÚBEV/ Course name: Introduction to Ecology VEK1/03						
Course type, sc Course type: 1 Recommended Per week: 2 Pe Course metho	cope and the me Lecture d course-load (H er study period d: present	thod: nours): : 28					
Number of cree	dits: 3						
Recommended		ster of the cours	se: 1.				
Course level: 1.	, 11.						
Prerequisities:		•					
Conditions for	course complet	ion:					
Learning outco Fundamental pa	omes: arameters and re	lations in ecologi	cal science.				
Brief outline of Ecological fact on individuals ecosystems (im	the course: ors and relations (morphological pact assessment	s in environment adaptations, beha); conservation at	(air, water, soil) avioral reactions and biodiversity.); influence of eco); populations and	ological factors d communities		
Recommended Begon, M., Har Blackwell Sci.	literature: per, J. L., Towns Publ., 1990	send, C. L.: Ecol	ogy: individuals,	populations, and	communities.		
Course languag	ge:						
Course assessm Total number o	nent f assessed studer	nts: 1522					
А	В	C	D	E	FX		
19.58	15.37	24.9	18.46	12.75	8.94		
Provides: RND	r. Natália Rasch	nanová, PhD.	1	<u>. </u>			
Date of last mo	dification: 23.0	2.2018					
Approved: Gua	ranteeprof. PhD	r. Oľga Orosová.	CSc.Guaranteep	orof. RNDr. Jozef	Doboš,		

CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univer	sity in Košice				
Faculty: Facult	y of Science					
Course ID: ÚM VMA/10	IV/ Course n	V/ Course name: Selected topics on mathematical analysis				
Course type, sc Course type: I Recommended Per week: 2 / 2 Course metho	ope and the me Lecture / Practice d course-load (H Per study per d: present	thod: e nours): iod: 28 / 14				
Number of crea	lits: 3					
Recommended	semester/trime	ster of the course	e: 2.			
Course level: II	•					
Prerequisities:						
Conditions for Final evaluation	course complet n is given by cor	ion: tinuous assessme	nt.			
Learning outco Extend knowled	mes: dge of improper	integrals,propertie	es of integrals d	lependent on a par	ameter, TBA	
Brief outline of 1. Improper Rie 2. Riemann inte integral (contin 3. TBA	the course: emann integral: c grals dependent uity, integrability	lefinition, comput on a parameter: ba y, differentiability	ation, existence asic properties o).	e criterions. of proper and impr	oper parametric	
Recommended I. Kluvánek, L. 2. J.C. Bowmar 3. S. Lang, Und	literature: Mišík, M. Švec, h, Honours Calcu legraduate Analy	Matematika II; S Ilus, Math.117/11 /sis, Springer, 199	VTL, Bratislav 8, University of 97.	a, 1959. f A. Edmond, Can	ada, 2010.	
Course languag Slovak	ge:					
Course assessm Total number of	ent f assessed studer	nts: 57				
А	В	C	D	Е	FX	
17.54	5.26	29.82	17.54	24.56	5.26	
Provides: Mgr.	Jozef Kiseľák, F	hD., doc. RNDr.	Ondrej Hutník,	PhD.	·	
Date of last mo	dification: 27.0	2.2018				
Approved: Gua CSc.Guaranteed	ranteeprof. PhD	r. Oľga Orosová, rína Kimáková, C	CSc.Guaranteej Sc.	prof. RNDr. Jozef	Doboš,	

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Science				
Course ID: KPPaPZ/VP/09	Course na	me: Educationa	l Counselling		
Course type, sc Course type: 1 Recommended Per week: 2 P Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28			
Number of cree	dits: 2				
Recommended	semester/trimes	ster of the cours	e: 2.	_	
Course level: II					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number of	Tent f assessed studen	ts: 133			
А	В	С	D	Е	FX
60.15	24.81	9.02	4.51	1.5	0.0
Provides: PhDr	. Anna Janovská,	PhD.		_	
Date of last mo	dification: 21.08	3.2017			
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	: Oľga Orosová, ína Kimáková, C	CSc.Guaranteep	rof. RNDr. Jozef	Doboš,

University: P. J. Safá	University: P. J. Šafárik University in Košice					
Faculty: Faculty of S	cience					
Course ID: ÚMV/ VPPb/15	Course name: Scheduled p	Course name: Scheduled practice teaching				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present						
Number of credits: 1						
Recommended seme	ster/trimester of the course	e: 2				
Course level: II.						
Prerequisities: KPE/	MPPa/15 and KPE/PDU/15	and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)				
Conditions for cours	e completion:					
Learning outcomes: Enable students to ga knowledge in specific with the atmosphere a	Learning outcomes: Enable students to gain first practical experience in teaching mathematics to apply theoretical knowledge in specific teaching situations, to develop their teaching skills. To acquaint students with the atmosphere and the organization of school.					
Brief outline of the c	ourse:					
Recommended litera	Recommended literature:					
Course language: Slovak						
Course assessment Total number of assessed students: 120						
	abs	n				
100.0 0.0						
Provides: doc. RNDr. Dušan Šveda, CSc., RNDr. Ingrid Semanišinová, PhD.						
Date of last modification: 27.02.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J	University: P. J. Šafárik University in Košice					
Faculty: Facult	y of Science					
Course ID: KPPaPZ/VPU/1	7 Course na	ame: Developme	ental Psychology	for Teachers		
Course type, so Course type: 1 Recommended Per week: 2 P Course metho	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 cree	dits: 2					
Recommended	semester/trimes	ster of the cours	e: 1.			
Course level: I	[
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Course assessn Total number o	nent f assessed studen	ts: 24				
А	В	С	D	Е	FX	
50.0	50.0 33.33 8.33 8.33 0.0 0.0					
Provides: Mgr.	Provides: Mgr. Mária Bačíková, PhD.					
Date of last mo	dification: 21.08	3.2017				
Approved: Gua CSc.Guaranteed	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Šafárik University in Košice							
Faculty: Faculty of S	cience						
Course ID: KSSFaK/VSJU/15	/15 Course name: Slovak Language for Teachers						
Course type, scope a Course type: Lectur Recommended cour Per week: 2 Per stu Course method: pre	Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of credits: 2							
Recommended seme	ster/trimester of the course: 1., 3.						
Course level: II.							
Prerequisities:							
Conditions for cours passing a final test	e completion:						
Learning outcomes: Mastering of standard codification manuals of written communic characteristics of exp	d Slovak in spoken and written discouse. Becoming familiarized with , acquiring skills related to bibliography and quotation standards. Mastering ation in accordance with current orthographical rules. Mastering of basic ressions of text and style and fundamentals of text composition.						
Characteristics of ba sign character of lang aspect of language un national language. La of orthographic rule phenomena in vowels and its specific featur text components.	Brief outline of the course: Characteristics of basic terms of general linguistics (language – speech, language functions, the sign character of language, language levels, content and form in language, individual and general aspect of language units) on interdisciplinary background and with the application to Slovak as a national language. Language standard, codification, usus. Basic codification manuals. Application of orthographic rules in practical documents. Sound culture, pronunciation styles. Orthoepic phenomena in vowels and consonants. Application of rhythmic law and its exceptions. Assimilation and its specific features in Slovak. Style, stylization – methods and demonstration of structure of						
Recommended litera Krátky slovník slove: Slovník súčasného sl Slovník súčasného sl Pravidlá slovenského KRÁĽ, Á.: Pravidlá s ONDRUŠ, Š. – SAB SABOL, J SLANČO 1989. SABOL, J. – BÓNO 2006. FINDRA, J.: Štylistil FINDRA, Ján: Štylis SLANČOVÁ, D.: Pra 1996. 178 s. ISBN 80	 iture: nského jazyka. Bratislava: Veda 1997. ovenského jazyka. Bratislava: Veda 2006. ovenského jazyka. Bratislava: Veda 2011. pravopisu. Bratislava: Veda 2000. slovenskej výslovnosti. Bratislava, SPN 1984; 1988. 632 s. OL, J.: Úvod do štúdia jazykov. 3. vyd. Bratislava, SPN 1987. 343s. OVÁ, D SOKOLOVÁ, M.: Kultúra hovoreného slova. Prešov, FF UPJŠ VÁ, I. – SOKOLOVÁ, M.: Kultúra hovoreného prejavu. Prešov: FF PU ca slovenčiny. Martin : Osveta, 2004. tika slovenčiny v cvičeniach. Martin : Osveta, 2005. aktická štylistika. 2., upravené a doplnené vydanie. Prešov: Slovacontact 0-901417-9-X. 						

Course languag	Course language:						
Course assessm	Course assessment						
Total number o	f assessed studen	ts: 57					
А	B C D E FX						
17.54	33.33 24.56 17.54 7.02 0.0						
Provides: PhDr	Provides: PhDr. Iveta Bónová, PhD., PhDr. Lucia Jasinská, PhD., Mgr. Lena Ivančová, PhD.						
Date of last modification: 24.08.2017							
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.							

University: P. I. Šafárik University in Kočice					
Faculty: Faculty of S	Faculty: Faculty of Science				
Course ID: ÚMV/	Course name: Continuous	practice teaching I			
VSPc/15	Course name. Continuous				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 4t Course method: present Number of credits: 2					
Recommended seme	ster/trimester of the cours	e: 3.			
Course level: II.					
Prerequisities: ÚMV	/VPPb/15				
Conditions for cours	e completion:				
Learning outcomes: Enable students to ga knowledge in specific with the atmosphere a	in first practical experience c teaching situations, to deve and the organization of scho	in teaching mathematics to apply theoretical elop their teaching skills. To acquaint students ol.			
Brief outline of the c	ourse:				
Recommended litera	Recommended literature:				
Course language: Slovak					
Course assessment Total number of assessed students: 137					
	abs	n			
	100.0 0.0				
Provides: doc. RNDr. Dušan Šveda, CSc., RNDr. Ingrid Semanišinová, PhD.					
Date of last modification: 27.02.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					

University: P. J. Sala	University: P. J. Safarik University in Kosice					
Faculty: Faculty of S	cience					
Course ID: ÚMV/ VSPd/15	Course name: Continuous practice teaching II					
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present					
Number of credits: 2						
Recommended seme	ster/trimester of the cours	e: 4.				
Course level: II.						
Prerequisities: ÚMV	/VSPc/15					
Conditions for cours	e completion:					
Learning outcomes: Enable students to ga knowledge in specific with the atmosphere a	in first practical experience c teaching situations, to deve and the organization of scho	in teaching mathematics to apply theoretical elop their teaching skills. To acquaint students ol.				
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language: Slovak						
Course assessment Total number of assessed students: 126						
	abs n					
100.0 0.0						
Provides: doc. RNDr. Dušan Šveda, CSc., RNDr. Ingrid Semanišinová, PhD.						
Date of last modification: 27.02.2018						
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.						

University: P. J.	. Šafárik Univers	ity in Košice			
Faculty: Faculty	y of Science				
Course ID: KPPaPZ/ZMPP	V/15 Course na	ame: The Fundar	nentals of Pedag	ogico-Psycholog	ical Research
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 crea	lits: 4				
Recommended	semester/trime	ster of the cours	e: 2.		
Course level: II	•				
Prerequisities:	KPPaPZ/PPgU/1	5 and KPE/PDU	/15		
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number of	ent f assessed studen	its: 381			
А	В	С	D	Е	FX
15.49	23.62	25.2	21.52	13.91	0.26
Provides: Mgr. Mária Bačíková, PhD., PhDr. Anna Janovská, PhD.					
Date of last mo	Date of last modification: 21.08.2017				
Approved: Gua CSc.Guaranteed	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.				

University: P. J	University: P. J. Šafárik University in Košice						
Faculty: Facult	y of Science						
Course ID: ÚB ZOG1/03	ÚBEV/ Course name: Zoogeography						
Course type, sc Course type: 1 Recommended Per week: 2 / 2 Course metho	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 cree	dits: 6						
Recommended	semester/trimes	ster of the cours	e: 1., 3.				
Course level: I.	, II.						
Prerequisities:							
Conditions for Active participa Preparation of o Semestral writte Oral examination	Conditions for course completion: Active participation in seminars. Preparation of oral presentation to selected topic. Semestral written test. Oral examination						
Learning outco The main goal of animals on the on the faunal di	Learning outcomes: The main goal of the subject is to get knowledge on the basic reasons of recent distribution of the animals on the Earth, zoogeographic regionalization of the Earth's surface and human influence on the faunal distribution in the history						
Brief outline of the course: This course will review our current understanding of the patterns of animal distribution and the processes that influence distributions of species and their attributes. Zoogeography will integrate information on the historical and current ecology, genetics, and physiology of animals and their interaction with environmental processes (continental drift, climate) in regulating geographic distributions. The course will emphasize descriptive and analytical approaches useful in hypothesis testing in zoogeography and will illustrate applied aspects of zoogeography (e.g. refuge design in conservation)							
Recommended literature: Buchar, J., 1983: Zoogeografie. SPN Praha Darlington, P.J., 1998: Zoogeography: The geographical distribution of animals. Krieger, USA Lomolino M.V., Brown J.H., Riddle B. R., 2005: Biogeography. Sinauer Associates, 1-845 Plesník, P., Zatkalík, F., 1996: Biogeografia. Vysokoškolské skriptá, PríFUK Bratislava							
Course language:							
Course assessm Total number of	nent f assessed studen	ts: 877					
А	В	С	D	Е	FX		
23.26	23.6	25.31	17.9	7.98	1.94		
Provides: prof. RNDr. Ľubomír Kováč, CSc.							

Date of last modification: 23.02.2018

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J	. Šafárik Univers	ity in Košice							
Faculty: Facult	y of Science								
Course ID: KP ZSP/15	E/ Course n a	me: Essentials of	of Special Educat	ion					
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Lecture d course-load (h er study period: d: present	thod: ours): 28							
Number of crea	lits: 2								
Recommended	semester/trimes	ster of the cours	e: 3.						
Course level: II	- 								
Prerequisities:									
Conditions for	course completi	on:							
Learning outco	omes:								
Brief outline of	the course:								
Recommended	literature:								
Course languag	ge:								
Course assessm Total number of	ent f assessed studen	ts: 279							
А	В	С	D	Е	FX				
44.8	32.26	15.77	5.73	1.43	0.0				
Provides: Mgr. Katarína Petríková, PhD.									
Date of last mo	dification: 05.02	2.2018							
Approved: Gua CSc.Guaranteed	ranteeprof. PhDr loc. RNDr. Katar	. Oľga Orosová, ína Kimáková, C	CSc.Guaranteep Sc.	rof. RNDr. Jozef	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.				

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Science				
Course ID: KP ZZP/12	E/ Course na	ame: Experientia	l Education		
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 crea	dits: 4				
Recommended	semester/trimes	ster of the cours	e: 1., 3.		
Course level: II					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Course assessm Total number of	ent f assessed studen	ts: 213			
А	В	С	D	Е	FX
39.44	42.25	15.96	2.35	0.0	0.0
Provides: PaedDr. Renáta Orosová, PhD., Mgr. Katarína Petríková, PhD.					
Date of last mo	Date of last modification: 05.02.2018				
Approved: Gua CSc.Guaranteed	Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.				

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Science						
Course ID: ÚTVŠ/ Course nai ÚTVŠ/CM/13	ne: Seaside Aerobic Exercise					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present						
Number of credits: 2						
Recommended semester/trimest	er of the course:					
Course level: I., II.						
Prerequisities:						
Conditions for course completion Conditions for course completion Attendance	1:					
Learning outcomes: Students will be provided an over conditions actively and their skill Students will acquire practical ex the aim to improve the stay and to	Learning outcomes. Learning outcomes: Students will be provided an overview of possibilities how to spend leisure time in seaside conditions actively and their skills in work and communication with clients will be improved. Students will acquire practical experience in organising the cultural and art-oriented events, with the aim to improve the stay and to create positive experiences for visitors					
 Brief outline of the course: Brief outline of the course: 1. Basics of seaside aerobics 2. Morning exercises 3. Pilates and its application in seaside conditions 4. Exercises for the spine 5. Yoga basics 6. Sport as a part of leisure time 7. Application of projects of productive spending of leisure time for different age and social groups (children, young people, elderly) 8. Application of seaside cultural and art-oriented activities in leisure time 						
Recommended literature:						
Course language:						
Course assessment Total number of assessed students: 33						
abs n						
12.12	12.12 87.88					
Provides: Mgr. Alena Buková, Ph	Provides: Mgr. Alena Buková, PhD., Mgr. Agata Horbacz, PhD.					
Date of last modification: 18.08.2017						

Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.

University: P. J. Šafá	University: P. J. Šafárik University in Košice				
Faculty: Faculty of S	cience				
Course ID: KSSFaK/ ČGUAP/15	Course name: Reading Literacy in Educational Process				
Course type, scope a Course type: Lectur Recommended cour Per week: 2 Per stu Course method: pre	Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present				
Number of credits: 2		2			
Recommended seme	ster/trimester of the cours	2.			
Course level: II.					
Prerequisities:					
Conditions for cours	e completion:				
Learning outcomes:					
Brief outline of the c	ourse:				
Recommended litera	iture:				
Course language:					
Course assessment Total number of asses	Course assessment Total number of assessed students: 18				
	abs	n			
100.0 0.0					
Provides: doc. PaedDr. Ivica Hajdučeková, PhD.					
Date of last modification: 28.08.2017					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteeprof. RNDr. Jozef Doboš, CSc.Guaranteedoc. RNDr. Katarína Kimáková, CSc.					